

445-6

CATALOGUS CLASSICUS & TOPICUS,

Omnium Rerum *Figuratarum* in V. Decadibus,
Seu PRIMO VOLUMINE
GAZOPHYLACII NATURÆ & ARTIS;
Singulis ad proprias *Tabulas & Numeros* relatis.

A JACOBO PETIVER, Pharmacop. LONDIN. & Regiæ Societat. Socio.

Animalia, Vegetabilia, Fossilia, &c. Anglicana.

- L**YRA *Harvicens.* pinna dorsali longissima &c. Gaz. Nat. Tab. 22. Fig. 2.
- 1 *Scolopendra* parva terrest. tardipes &c. G. N. T. 15. fig. 10.
- 2 *Squilla* lacustris minima, dorso natante G. N. 21. fig. 7.
- 3 *Echinus* perexiguus G. N. 31. fig. 10. Cat. Class & Topogr. 4.
- 4 *Stella* Hibernica echinata G. N. 16. fig. 6. Cat. Cl. & Top. 5.
- 5 *Stellula* Hibern. glabra G. N. 16. 8. Cat. C. & T. 6.
- 6 *Papilio* albus minor, apicibus nigris 49. xi. Cat. 7.
- 7 *Leucomelanus Cantabrigiensis* 1. 7. C. 8. Mus. Petiv. 318.
- 8 *croceus*, apicibus nigricantibus 14. xi. C. 9.
- 9 *minor*, superne fuscus inferne viridis 2. xi. C. 15.
- 10 *fuscus*, subtus striatus xi. 9. C. 16.
- 11 *duplici* linea inferne præditus xi. 10. C. 17.
- 12 *campo* aureo, lineâ geminâ &c. xi. C. 18.
- 13 *aureus* immaculatus 34. 9. a.
- 14 *striâ* nigrâ distinctus 34. 9. C. 21.
- 15 *ex* aureo & fusco mixtus, striâ nigrâ notabili 34. 8. C. 20.
- 16 *de* fusco & aureo quodamm. tessellatus 34. 7. C. 19.
- 17 *fuscus* *Hamsted.* marmoreatus 36. 3. C. 22.
- 18 *Livon.* e fusco cærulescente subtus maculatus 32. 6. C. 14.
- 19 *Fritillarius* minor. 16. 10. C. 25. Mus. Petiver. 324.
- 20 *Lincoln.* *Fritill.* fasciis subtus pallidis 18. 10. C. 26.
- 21 *Papilio* oculis nigris marmoreus 14. 9. C. 27. M. Pet. 309.
- 22 *ocularis* de fusco & flavescente mixtus 24. 3. C. 29.
- 23 *de* fusco & aureo mixt. umbrâ purp. 24. 2. C. 28.
- 24 *Livorn.* &c. fasciâ albâ utrinque insignitus 15. 12. C. 30.
- 25 *Papiliunculus* cæruleus vulg. 35. 1. C. 10. Mus. Petiv. 318.
- 26 *cærulescens* limbis nigris 35. 2. C. xi.
- 27 *de* cæruleo fuscus 35. 3. C. 12.
- 28 *fuscus* marginibus aureis 35. 4. C. 13.
- 29 *punctis* paucioribus albicantibus 36. 9. C. 23.
- 30 *plurimis* albicant. 36. 6. C. 24. Mus. Petiv. 325.
- 31 *Phalena* alba semidiaphana guttulis paucis nigris 44. 8. C. 31.
- 32 *minor*, maculis nigresc. ornata 32. 8. C. 35.
- 33 *parva* *Occid.* signaturis marginibusq; nigris 25. 1. C. 33.
- 34 *Occid. Angl.* signat. nigris undatis 7. 8. C. 32.
- 35 *cinerea* splendens maculata 32. 4. C. 34.
- 36 *nigrescens* maculis minoribus, subtus sanguinea 33. 10. C. 36.
- 37 *majoribus* subtus flavescens 33. 12. C. 37.
- 38 *Canensis*, 4 albis maculis aspersa 16. xi. C. 38.
- 39 *viridescens*, parva corpore albescente 42. xi. &c. C. 42. 3.
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- 41 *Occid. Angl.* lineis obliquis albescentibus. 7. xi. C. 40.
- 42 *fulva* *Occid.* trifasciata 19. 3. C. 46.
- 43 *minor* nostras, alis limbo nigro insignitis 14. 3. C. 44.
- 44 *brunna* bimaculata, fasciis fulvis 45. 13. C. 50.
- 45 *Sulphurea* nebulis rufescentibus 28. 2. C. 45.
- 46 *Occid. Angl.* lituris ex aureo & argent. mixt. 7. 7. C. 47.
- 47 *fasciata* perelegans, extremitat. serratis 19. 4. C. 48.
- 48 *media* rufescens *Semicolon* dicta. 45. 5. C. 51.
- 49 *Umbrica*, linea maculisque sanguineis 33. 6. C. 39.
- 50 *Phalena-Bombylus* maximus rufus 36. 10. C. 52.
- 51 *fuscus* 36. 10. a. C. 53.
- 52 *parvus*, corpore nigro, anocroceo 42. 6. C. 54.
- 53 *Musca* *Apiformis*, &c. alis maculatis 36. 5. C. 55.
- 54 *&c.* alis non maculatis 42. 9. C. 56.
- 55 *oblonga* nostras nigra 14. 4. C. 60.
- 56 *Ichneumon* minor, zonis obscuris 25. 2. C. 57.
- 57 *niger*, zonis luteis 25. 3. C. 58.
- 58 *croceus*, zonis luteis 25. 10. C. 59.
- 59 *Tipula* *London.* angustissima. 9. 12. C. 61.
- 60 *Hampt.* brevior, ex Crocco variegata 9. 13. C. 62.
- 61 *Cimex* niger nostras, albo maculatus 14. 7. C. 63.
- 62 *Cimicoides* virescens 50. 10. C. 64.
- 63 *de* rufo flavescens 50. xi. C. 65.
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- 65 *fulva* 47. 6. * 7. C. 67.
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- 68 *parva* pellucida succinata 49. 1. C. 66.
- 69 *rubra* elegans, maculis nigris 47. 4. 5. C. 69.
- 70 *viridescens* 47. 6. C. 70.
- 71 *lata* subvirens 49. 3. C. 71.
- 72 *Curculio* parvus splendide viridis 56. C. 73.
- 73 *æruiginosus* 50. 7. C. 74.
- 74 *citrinus*, dorso pallido 50. 8. C. 75.
- 75 *fuscus*, dorso quasi cordato 50. 9. C. 76.
- 76 *major* subcinereus undatus 24. 4. C. 77.
- 77 *miniatus* minimus 22. 5. C. 78.
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- 79 *carnivorus* niger, vaginis fulcatis &c. 23. xi. C. 81.
- 80 *Viarius* niger, vaginis fulcatis 23. 10. C. 82.
- 81 *minor* *Filicinus* 22. 4. C. 83.
- 82 *arboreus* major *Castaneus* 19. 2. C. 84.
- 83 *pectinatus*, minor, villosus 22. 9. C. 85.
- 84 *viridis*, elytris quasi fractis 23. 12. C. 86.
- 85 *Gallicus* e nigro Croceoque mixtus 13. 6. C. 87.
- 86 *impennis* tardipes 24. 7. C. 88.
- 87 *agrest.* *Oviparus* *Melanocyaneus* &c. 22. 6. C. 89.
- 88 *Spadiceus*, cornibus serratis pedic. nigris 23. 4. C. 105.
- 89 *Scarabeolus*, aureus capite nigro 31. 3. C. 79.
- 90 *Septentrionalis* vaginis aureis &c. 29. 5. C. 93.
- 91 *oblongus* aureus, macul. 13. &c. ornatus 29. 9. C. 94.
- 92 *niger* nost. supra aq. &c. circumnans 13. 9. C. 97.
- 93 *aureus*, capite lineisque nigris 31. 4. C. 98.
- 94 *niger*, lateribus, apicibusque &c. aureis 31. 7. C. 99.
- 95 *Cochinella* *Anglica* vulgarissima &c. 21. 3. C. 90.
- 96 *bimaculata* 31. 4. C. 91.
- 97 *Occid.* oblonga rubra, terramaculata 21. 5. C. 92.
- 98 *Cantharis* azureus perelegans 31. 2. C. 103.
- 99 *Capricornus* *Russicus* cinereus, cornubus longiss. 8. 8. C. 100.
- 100 *Capricornulus* *Hampt.* stramineus signat. nigris 30. 4. C. 101.
- 101 *exiguus*, apice nigro 30. 5. C. 104.
- 102 *Norweg.* scaber, costis nebulosis 23. 7. C. 104.
- 103 *Testudinarius* *Hampt.* terramaculatus 12. 2. C. 95.
- 104 *aureus*, guttulis nigris aspersus 29. 8. C. 96.
- 105 *Cochlea* *Hort.* unicolor minor, umbilico parvo 50. 14. C. 106.
- 106 *Cochleola* alba fasciat. *Cantab.* umbilico parvo 17. 6. C. 107.
- 107 *Buccinulum* minimum ovale 35. 6. C. 109.
- 108 *oblongum* avenaceum 30. 7. C. 112.
- 109 *fluviatile* heterostrophon 10. 8. C. 110.
- 110 *Planorbis* *Hort.* minima pulchrè striata 31. 5. C. 108.
- 111 *minor* fluv. acie acuta 10. xi. C. 112.
- 112 *minima*, *Algis* frequenter adnascens 35. 8. C. 120.
- 113 *Cochlea* *Orchad.* max. crassa fasciata 36. xi. C. 118.
- 114 *Cochleola* oblonga fluviatilis 18. 8. C. 113.
- 115 *fluviat.* gyris altè incis. 18. 2. C. 114.
- 116 *Nerita* *Orchad.* lutea bifasciis nigris 34. 4. C. 115.
- 117 *fuscus*, striis capillaceis 34. 6. C. 117.
- 118 *fuscus*, fasciâ unicâ flavescens 34. 5. C. 116.
- 119 *Buccin.* *Cornubiense* de *Castan.* & albo fasciatum 18. 7. C. 119.
- 120 *Peduncululus* minor lævis, intus argent. &c. 17. 9. C. 121.
- 121 *Byssus* aureus *Derbiensis*, humifusus 15. 3. C. 122.
- 122 *Lichen* arb. albesc. segmentis cornigeris &c. 14. 6. C. 123.
- 123 *viridis*, fol. dense stipatis &c. 13. 4. C. 124.
- 124 *Funellus* gramineus *Norhampton* 15. 4. C. 125.
- 125 *Erica* *Hibern.* fol. Myrti pilosis &c. 27. 4. C. 126.
- 126 *Faba* *Orchad.* nigra, polita, tetrafulcata. &c. 34. 10. C. 127.
- 127 *Trochites* perelegans, Pyrite impressus 28. 10. C. 128.
- 128 *Entrochus* *Septentrional.* major compressus 19. 12. C. 129.
- 129 *Musculus* *Scoticus* *Corallio* incrustatus 10. 10. C. 130.
- 130 *Schistus* *Byerleus*, impressis reticulatis 19. 1. C. 131.
- 131 *quadrangulariter* impressus 21. 2. C. 132.
- 132 *Caucaloides* 22. 12. C. 133.
- 133 *Pinoides* major 35. 9. C. 134.
- 134 *minor* 35. 10. C. 135.
- 135 *Cylindrus* lapid. *Byer.* compressior &c. 18. 9. C. 136.
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 138 *Numisma Inaugurale Amæ Reg. Magni. Britan.* 142. C. 138.

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- 139 *Cancer Agathensis testâ variegatâ* 20. 10. C. 139.
 140 . *Lerina insulæ, chelis curtis* &c. 20. xi. C. 140.
 141 *Ostrea Ulissipon. minor rugosa* 18. 12. C. 141.
 142 *Trochylus Monspess. exiguus fasciatus* 22. 10. C. 143.
 143 *Re-Trochylus parvus Italicus* 17. 1. C. 142. (146.
 144 *Buccinum Mædit. læve, ex albo nigroq; variegat.* 45. 14. C.
 145 *Cochlea oblonga exotica levis* 44. 7. C. 147. (M. P. 502.
 146 *Papilio Alpinus, ex albo nigroq; variegat.* &c. 23. 8. C. 148.
 147 . *Lusit. oculatus & marmoreatus* 7. 5. C. 149
 148 . . minor ex aureo fuscus &c. 33. 2. C. 151
 149 . *Sulphureus, lunulis cæruleis* &c. 10. 6. C. 147
 150 . *Ulissipon. ex nigro luteoque mixtus* &c. 1. 8. C. 150.
 151 *Accipitrina Livornica perbellè striata* 12. 9. C. 153
 152 *Phalena Monsp. alba minor speciosa, mac. sang &c.* 3. 3. C. 152
 153 *Bombylus Lusit. è nigro cærulescente* 12. 5. C. 154
 154 *Cicada Turcica media* 15. 7. C. 155.
 155 *Capricornus Norweg. nigrescens vaginis punct* &c. 2. 1. C. 156
 156 . . vaginis marmor. antennis brevibus 8. 5. C. 157
 157 *Curculio Norweg. niger, signat flavesc.* &c. 8. 9. C. 158
 158 *Rhinoceros Lusit. niger splendens, vaginis* &c. 8. 4. C. 159
 159 *Mantis Medit. rufescens media* 28. xi. C. 160
 160 *Millepora Mediterranea* 47. 12. C. 161
 161 *Alga Spongioides Monspesulana viridis* 4. 12. C. 162
 162 *Stratiotes quadrifolia Lujulæ facie* 5. 12. C. 163
 163 *Filicula è Gallipoli villosa, Asplenii facie* 17. 13. C. 164
 164 *Ranunculus aq. Plantag. folio angustissimo* 26. 12. C. 165
 165 . *Paris. pumilus, Plantaginellæ folio* 25. 4. C. 166
 166 . *Siculus sol. rot. vix ferrato* 24. 9. C. 167
 167 *Arenaria minor Camphoratæ folio* 34. 12. C. 168
 168 *Sidereon f. Serpentaria mirabilis montana* 18. 6. C. 169
 169 *Pectunculus minor Muscovit. costis* &c. 30. 1. C. 170. M. P. 728
 170 *Hysterolichos Lapis* 47. 13. C. 171
 171 *Lapis cui a Natura curiosa Figura* &c. 45. 12. C. 171.
 172 *Siliquastrum Rigenfe Limacis* &c. facie 17. 3. C. 173. M. P. 843

ASIÆ Animalia, Vegetabilia, &c.

- 174 *Monstrum Philippense, Centauri facie* 45. 4. C. 174
 175 *Cato-Simus volans D. Cameli* 9. 8. C. 175
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 177 *Simia-Sciurus lanuginosus fuscus* &c. 17. 5. C. 177
 178 *Lacertus squamosus minor setulis aspersis* 20. 12. C. 178
 179 *Iguane Luzon. edulis, capite cærulescente* 40. 9. C. 179
 180 *Dracunculus volans Looganus* &c. 39. 1. C. 180
 181 *Avis Philip. galeâ planâ* 28. 6. C. 181
 182 *Calao avis rostrum rubrum* &c. 31. 1. C. 182
 183 *Avicula Chin. è cærul. alb. & nigric. mixta* 23. 5. C. 183
 184 *Cæcilia Born. pulla, lineis nigris* &c. 29. xi. C. 184. M. P. 106
 185 *Hirundo Luzon. venenatus, ruberrima* &c. 30. 2. C. 185
 186 *Piscis quadrat. parvus verrucosus* &c. 1. 2. C. 189
 187 *Remora Luzon. corpore tereri* 44. 12. C. 186
 188 *Solea Philipp. argentea* 26. 10. C. 187
 189 *Os pulchre serratum, forsan Piscis cujusdam* 36. 4. C. 188
 190 *Astacus Luz. corn. echinatus, alb. lut. & cinn. &c.* 29. 7. C. 190
 191 *Squilla marina Luzon. major* 43. 6. C. 191
 192 . . . minima 43. 13. C. 192
 193 *Scorpio Javan. major pilosus, è nigro* &c. 13. 2. C. 193
 194 *Echinus Chin. stellatus compressus* 36. 12. C. 194
 195 *Stella Chin. terradactylon, capite pulchre venoso* 36. 12. C. 196
 196 . . perelegans, dupliciter radiata 4. 6. C. 195
 197 *Papilio Luz. max. nigresc. maculis coccineis* &c. xi. 8. C. 196
 198 . . fuliginos. oculatus & undulatus 39. 4. C. 197
 199 . . fuscus minor, ter varid bioculatus 39. 5. C. 203.
 200 *Eruca & Chrysalis Eiusdem* 39. 6. 7. C. 204
 201 . . cærul. mac. subtilis rot. & triangul. 27. 5. C. 201
 202 . . oculis 7 oblongis limbratus 27. 6. C. 202
 203 . . medius albus 37. 5. C. 205
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 205 . . luteus marginibus atris 28. 9. C. 208
 206 . *Madrasp. med. flaved. & fulca mixtus* &c. 4. 3. C. 199
 207 . . croceus, nigris maculis aspersis &c. 40. 4. C. 200. M. P. 721
 208 . *Ind. Or. fuscus, margine cerul. &c.* 21. 8. C. 198
 209 *Papilionculus Luz. cerulescens* &c. 38. 10. C. 206
 210 *Phalena plumata permaxima* &c. 8. 7. C. 209. M. P. 729
 211 *Accipitrina Luz. pulchra, variis coloribus* &c. 40. xi. C. 210
 212 *Eruca radiata & Amela globosa* &c. ejusd. 40. 12. 13. C. 211
 213 *Phalena max. Chusan. oblucra fusca* &c. 18. 3. C. 212
 214 . *Chusan. flava signaturis nigricant.* 16. 7. C. 213
 215 . *Bengal. fulva, maculâ albescente* 41. 10. C. 214

- 216 . . viridescens, lineâ palléscente 41. xi. C. 215
 217 . . fusco & diaphano mixta 40. 3. C. 216
 218 . *Luzon. alba, margine* &c. sanguineis 45. 6. C. 217
 219 . . aterrima, collo &c. aureis 43. 15. C. 218
 220 . . è fusco & albo &c. commaculatus 28. 8. C. 219
 221 *Chrysalis & Eruca ejusdem* 37. 2. 3. C. 220
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 224 *Aurelia Luz. globosa fusca* 39. 13. C. 225
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 234 *Capricornus Luzon. maximus* 47. 1. C. 239
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 236 *Capricornulus Orient. viridis, guttulis nigris* 4. 7. C. 241
 237 *Cantharis Chusan. viridis, elegant. variegat.* 50. 5. C. 242
 238 . *Luzon. viridis lævis* 48. 5. C. 253 (M. P. 707
 239 *Cantharus Madr. vagin. & pedib. rubris* &c. 22. 7. C. 252.
 240 *Carabus Bengal. è cupreo virefcens* 20. 8. C. 251
 241 *Cerambix Luz. min. atratus & striatus* 37. 12. C. 257
 242 *Cervi volantis caput. Olalo Indis* 47. 15. C. 235
 243 *Cochinella Luz. major, è cupreo viridique* &c. 41. 3. C. 263
 244 *Curculio Bengal. subrufus maximus* 35. 5. C. 261
 245 *Blatta domestica Luz. nocturna* 48. 9. C. 243
 246 *Buceros max. Rhinocerotis niger Borneoc.* 14. 12. C. 238
 247 . *Luzon. Nasicornis max. &c.* 29. 2. C. 236
 248 *Hemisphæricus Luz. Minii coloris* 48. 2. C. 264
 249 *Eruca & Follicula ejusd.* 48. 3. 4. C. 265
 250 . . aureus, maculis plurimis nigris 48. 6. C. 266
 251 *Folliculus & Erucula ejusd.* 48. 7. 8. C. 267
 252 *Testudinulus Philip. luteus, nigro maculatus* 9. 1. C. 268
 253 *Aurelia & Erucago ejusd.* 9. 2. 3. C. 269
 254 *Pilularis Luz. niger minimus* 42. 5. C. 262
 255 *Rhinoceros Luz. nigricans, capite* &c. punct. 44. 9. C. 234
 256 *Scarabeus Luz. arboreus, sublustris punctatus* 38. xi. C. 245
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 265 . *Buceros Nasicornis primus* 49. 8. C. 237
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 268 *Stockerus Bengal. viridis, nigro maculatus* 21. 12. C. 259
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 275 . . *longipes domesticus* 50. 1. C. 279
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 279 *Ovarium ejusdem* 50. 3. B. Cat. 278
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 5 *Condor.* bullulis nigerrimis refertis 48. 14. C. 310
 6 *Patella Borneoca* auriculata tenuis 21. xi. C. 323
 7 *Perficoides* argentea, maculis nigris 10. 5. C. 305
 8 *Perficula* lineis croceis circumdata 8. 10. C. 304
 9 . . . guttulis croceis lineata 8. 2. C. 303
 10 *Planorbis Indica* ex castaneo alboque &c. 1. 6. C. 287
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 12 *Rhombus* albus, fasciis flavis & meandris &c. 27. xi. C. 313
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 14 . . . *Ind. Or.* spatiosis, catenis, fasciisque flavis &c. 28. 4. C. 314
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 16 *Trochus* fasciis verrucosis è rubro albo nigro &c. 14. 10. C. 294
 17 . . . *Indicus* è rubro pallido radiatus 20. 4. C. 295
 18 *Operculum Ind. Or.* superficie verrucoso 28. 12. C. 322
 19 *Umbilicus* latus fuscus 4. 9. C. 319
 20 . . . *Orient.* angustus, serratus, fuscus 4. 8. C. 320
 21 *Unguis Mad.* fuscus, striatus, subtus rubicundus 16. 3. C. 321
 22 *Chama Madrasp.* alba, undis Castaneis 16. 9. C. 328
 23 *Tellina Madr.* fasciata & undata 13. 8. C. 327
 24 . . . triquetra, medio fasciata &c. 19. xi. C. 329
 25 *Concha Luzon.* tubularis virescens 32. 9. C. 325
 26 . . . *Tiquasay* facies extera 45. 3. C. 326
 27 *Pecten Condor.* levis & lævis &c. 49. 13. C. 324
 28 *Pectunculus Condor.* fasciatus, undis Castaneis 48. 15. C. 330
 29 . . . *Venerus* 31. 9. C. 331
 30 *CORALLOIDES Philipp.* cærulea punctata 10. 12. C. 333
 31 . . . epispungiosa Virgul. dilutè purp. 31. 8. C. 334
 32 paucioribus, punctis sanguinei color. 31. 12. C. 335
 33 *Rete Philip.* nigrum telis quadrang. &c. 32. 1. C. 336
 34 *Alcyonium Philip.* ramulis gelatinis implexis 32. 3. C. 337
 35 *Myriophyllum Ind. Or.* ramosissimum 35. 12. C. 338
 36 *Alga Philip.* carnosa, edulis 27. 12. C. 339
 37 . . . *tubulosa*, albida, navibus adhærens 9. 6. C. 340
 38 *Fungus Cinnabarinus Ligni Molavin.* 48. 1. C. 341
 39 *Lichen Madras.* Algoides, marginibus verrucosis xi. 1. C. 342
 40 *Volvulaceus Luzon.* Coluteæ foliis 48. 12. C. 343
 41 *Adiantum Philip.* fol. rotundo laciniato 4. 4. C. 344
 42 *Filix Luz.* pinnis alternis serratis 48. 10. C. 345
 43 . . . *Salici æmulantibus* 47. 10. C. 346
 44 *Asplenium Luz.* bicubitale, pinnis alternis 47. 9. C. 349
 45 . . . *Ari* folio 50. 12. C. 351
 46 . . . fol. aduncis viminibus adnascens 14. 1. C. 350
 47 *Ceterac Luz.* pinnis alternis glabris 49. 5. C. 348
 48 . . . *Scand.* pinnis alternis dentatis 49. 4. C. 352
 49 *Hemionitis Luz.* minima, vario &c. folio 20. 3. C. 347
 50 *Osmunda Luz.* repens, Fumariæ fol. 47. 8. C. 353 (C. 354)
 51 *Potamogeton Madr.* Phyllitidis fol. pulchrè venoso 32. xi.
 52 *Inhame Madr.* fol. binis pulchrè venosis 31. 6. C. 355
 53 *Blitum Madr.* Parietariæ fol. spicatum 31. xi. C. 356
 54 *Nodiflora Manil.* Onobrychidis fol. Rutæ odore 20. 1. C. 357
 55 *Agrimonia Mad.* fol. rot. singul. subtus incano 32. 10. C. 358
 56 *Leonurus Madr.* fol. rigidis parvis hirtis 32. 12. C. 359
 57 *Tagetes Chin.* fol. undulatis fl. duplici &c. 12. 3. C. 360
 58 *Ranunculus glob.* Chin. fl. pleno Aurantiaco 19. 6. C. 361
 59 *Sagittaria Chin.* fol. ternis longissimis 19. 5. C. 362
 60 *Luffa Malab.* reticulata, fructu decortic. xi. 2. C. 363
 61 *Onagra minima Madr.* Pimpinella acut. fol. 5. 8. C. 364
 62 *Ornithopodium Madr.* Bupleuri fol. xi. 12. C. 365
 63 *Onobrychis Madr.* Numular. fol. *Barbarea* filiq. 26. 1. C. 366
 64 . . . *Ornithopodii* filiquis 26. 4. C. 367
 65 *Lens Madr.* Elatines folio 30. xi. C. 369
 66 . . . *Nummulariæ* folio maculato 33. 1. C. 368
 67 *Crotolaria Madr.* Pilosellæ folio 30. 10. C. 370
 68 *Melilotus Surat.* minimus 10. 1. C. 371
 69 *Phaseolus Madr.* minimus Reniformis, Bezoar. 21. 9. C. 373
 70 . . . sem. compresso, nigro alboque &c. 21. 8. C. 372
 71 *Ninsing. & Gensing.* Offic. 24. 8. C. 374
 72 *Androsace Chusan.* Cortusæ Matth. fol. 33. 8. C. 375
 73 *Calceolus Philip.* pumila, Plantag. fol. &c. 19. 7. C. 376
 74 *Bontiana Luz.* geniculis inferioribus carinul. 44. 10. C. 377
 75 *Anomum verum Encalada* 20. 2. C. 381
 76 . . . legitimum *Kameli* 41. 8. C. 382
 77 *Cardamomum Luz.* Coniformi *Ticala* dict. 18. 7. C. 378
 78 *Cassamuniar.* Offic. 27. 1. C. 380
 79 *Curcuma* Offic. 37. 9. C. 384
 80 *Zedoaria* Offic. 23. 1. C. 383
 81 *Zerumbes* Offic. 22. 3. C. 379

- 382 *Schenanthus Aven.* procumb. *Madrasp.* Bupleur. facie 2. 5. C. 385
 383 *Gr. Lagopoid.* *Chusan.* spicis cristat. pallescent. 31. 6. C. 386
 384 *Cuscuta Luz.* altera f. major 49. 12. C. 387
 385 *Radix Vixiag.* fusca, sulcis rhomboid. 16. 1. C. 388
 386 *Anacardii Oriental.* Offic. fructus 40. 14. C. 389
 387 *Fructus Vixiag.* globosus hexagon. corr. fusco 22. 1. C. 390
 388 *Balanti Philip.* arbor, umbilicato fol. 43. 1. C. 391
 389 *Coccitera Chus.* Coryli folio &c. 36. 7. C. 392
 390 *Angola Luz.* Aceris fol. 43. xi. C. 393
 391 *Sorbus Luz.* fol. ternis serratis 44. xi. C. 394
 392 *Fructus* pentang. altè sulcatus unucleus 37. 8. C. 395
 393 *Champacca Philip.* fl. &c. Fructu stellato 24. 1. C. 396
 394 *Agnus Castus Crocod.* fol. glauco subrotundo 34. xi. C. 397
 395 *Cupressus Chusan.* Abietis folio 6. 3. C. 399
 396 *Nucleus Luzon.* Dactyli facie trispermos 38. 3. C. 400
 397 . . . cylindraceus sulcatus extrem. punct. 38. 4. C. 406
 398 *Nux biforis* in 3 dehiscens putaminis partes 42. 4. C. 405
 399 . . . *Naicensis* 1. corr. nigro, reticula candida &c. 42. 14. C. 411
 400 . . . 2. feris candidis conestita 42. 8. C. 410
 401 . . . *Moschata* oblonga max. montis *Balate* 42. 10. C. 412
 402 . . . *Arboris Hobom* quam & *Taligolas* vocant 45. 7. 8. C. 402
 403 . . . *Luz.* fusca, zonâ pallidâ 37. xi. C. 409
 404 *Rottang. Luzon.* vulg. 39. 10. & a. C. 417
 405 . . . fr. pyramid. majore *Labnit.* 39. xi. C. 418
 406 *Fasmini* flore Frutex *Philip.* &c. 42. 7. C. 403
 407 *Arbor Manil.* &c. cortice Emerico 19. 8. C. 408
 408 *Panguagua* son Arbor *Philipp.* &c. 45. 12. C. 413
 409 *Posoposo* arbor *Platani* folio *Philip.* 43. 2. C. 414
 410 *Pao de Cobra Lusit.* 42. 1. C. 419. *Ray* Kamel. 88. 6
 411 *Zapotl.* nigrum 43. 7. &c. C. 427. *Ray* Kam. 54. 4
 412 . . . *Chin.* fructu Cinnabarino 45. 9. &c. *Ray* Kam. 54. 5
 413 *Fagara Chus.* Rhois Virgin. folio &c. 36. 8. C. 401
 414 *Rosa Chus.* glabra, Juniperi fructu 35. xi. C. 415
 415 *Vaccinia* fortè *Chus.* Laurocerasi fol. &c. 35. 7. C. 426
 416 *Ilicis* foliis exiguis Frutex *Orient.* 2. 8. C. 404. M. P. 250
 417 *Sambuco* palustr. affinis *Japon.* &c. fl. cerul. 36. 2. C. 416
 418 *Ricinus Chin.* Sebifera &c. 34. 3. C. 420. M. P. 965
 419 *Thea* vulg. porulenta 21. 10. C. 423
 420 . . . *Radix* formâ *Cathedrae* &c. 21. 1. C. 424
 421 . . . *Chin.* &c. fl. Rosaceo simplici 33. 4. C. 425
 422 . . . *Tavacare Malab.* fl. albo &c. 16. 4. C. 421
 423 . . . *Madr.* minor, corr. tenuissimo 16. 5. C. 422
 424 *Macer.* veterum 20. 5. C. 407. *Ray* H. P. 1779. c. 1
 425 *Lapis Chin.* Mayz referens 30. 8. C. 429

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- 430 *Mus Araneus Capensis* maximus 23. 9. C. 430
 431 *Grus Capens.* caudâ cristatâ 12. 12. C. 431
 432 *Coccothraustes Cap.* ruber, rostro hians 10. 7. C. 432
 433 *Tomineo Cap.* major, capite luteo 7. 9. C. 433
 434 *Anguis Cap.* argenteus maculatus 16. 12. C. 434
 435 . . . *Cap.* tricolor 10. 3. C. 435
 436 *Papilio Cap.* flavescent vericolor &c. 9. xi. C. 436
 437 *Cicada Cap.* variegata, margin. transparentibus 4. 1. C. 437
 438 *Locusta Cap.* alis inferioribus luteis 3. 6. C. 438
 439 *Proscarabeoides Cap.* singularis, pedib. plumosis 12. 1. C. 439
 440 *Araneoides Cap.* fasciata lutescens &c. 12. xi. C. 440
 441 *Locusta-Talpa Cap.* pedibus longis 13. 7. C. 441
 442 *Capricornus niger Cap.* sulcatus, 6 maculis &c. 24. xi. C. 443
 443 . . . id. immaculatus. 444
 445 *Scarabeus Cap.* pilosus, vaginis rubris &c. 8. 6. C. 442
 446 *Scolopendra Cap.* major lutescens, caudâ longiore 13. 3. C. 446
 447 *Hippuris Coralloides* carnea *Capensis* &c. 3. 10. C. 447
 448 *Alga verrucosa Capensis* 9. 14. C. 448
 449 *Fungus Cap.* subtus porosus 4. xi. C. 449
 450 *Gnaphalium Cap.* spicatum, Alyssi fol. 7. 1. C. 450
 451 *Filago Cap.* minor spicata 8. 12. C. 451
 452 *Argyrocoine Cap.* Thymi foliis 7. 3. C. 452. M. P. 144
 453 . . . fol. incanis lobatis 30. 12. C. 5. 453
 454 *Xeranthemum Speciolum Cap.* fl. albo maximo 1. 9. C. 454
 455 . . . *Cap.* Tarton raire folio 4. 10. C. 455
 456 *Jacea Cap.* Gnaphalii folio 6. xi. C. 457
 457 . . . fol. parvo hirtis &c. 25. 6. C. 456
 458 *Conophoros Cap.* Pini fol. 25. 7. C. 462
 459 . . . fol. parvis obtusis 6. 4. C. 461. M. P. 604
 460 *Ageratum Cap.* Crithmi fol. &c. 34. 1. C. 458
 461 *Abrotanoides Cap.* Ericæ fol. 5. 2. C. 463
 462 *Breyniana Cap.* Cineroides 3. 9. C. 466
 463 . . . capitulis albis plumosis 5. 4. C. 464
 464 *Eupatoroides Cap.* capitatus 8. 1. C. 463
 465 *Lewisanus Cap.* Serpilli fol. 5. 7. C. 470

- 466 *Hermannia Cap. Altheæ* fol. 24. 2. C. 459
 467 *Genista tinctoria Cap. purpurea* &c. 5. xi. C. 460
 468 *Evonymus Cap. spinosa* 26. 2. C. 471
 469 *Erica Cap. Coridif. fol. fl. rubello* 3. 7. C. 467
 470 . . . *carnea, foliis & floribus villosis* 2. 10. C. 469. M. P. 637.
 471 . . . *floribus albidis, staminibus rubris* 2. 9. C. 468. M. P. 636
 472 *Lacertus Guineensis major, verruculis nigris* 15. 6. C. 472
 473 *Papilio Guin. nigrescens, lituris alb. aspers.* 3. 4. C. 473
 474 . . . *Angol. ex pullo alboque mixtus* 9. 5. C. 474
 475 . . . *marginè pulchrè oculata* 6. 9. C. 475
 476 . . . *albus, apicibus miniaceis* 9. 10. C. 476
 477 . . . *è fusco & albo eleganter mixto è Pr. Tricusp.* 12. 10. C. 477
 478 *Phalena Guin. flava perelegans* &c. 29. 3. C. 478
 479 . . . *alis è nigro aureis, corp. eleg. zonato* 33. 7. C. 479
 480 *Musca Afric. flavescens, cauda trifida* &c. 2. 4. C. 480
 481 *Libella Turcica major, alis Locustæ* 3. 1. C. 481
 482 *Scarabeus Alepens. parvus villosus, vaginis* &c. 2. 12. C. 482
 483 . . . *pilosus viridis, lineis albic. punctatis* 13. 5. C. 483
 484 *Unicornu Widenfæ nodosum & verrucosum* 5. 5. C. 484
 484 *Patella Cap. compressa, orificio magno* &c. 3. xi. C. 292
 485 *Balanus compressus alb. 6. fissuris sulcatus.* 9. 9. C. 485
 486 *Fungus Mauritanic. verrucosus ruber* &c. 39. 8. C. 486
 487 *Ægilops Maurit. aristis longioribus binis* 38. 7. C. 487
 488 *Kali forte Maurit. polyspermos* 40. 2. C. 488
 489 *Jacobeæ Maurit. Coronopi folio* 41. 4. C. 489
 490 *Carlina fortè Maurit. flore ex albo sanguineo* 38. 12. C. 490
 491 *Nodiflora Maurit. fol. verticilli modo serratis* 41. 7. C. 491
 492 *Matricaria Maurit. pumila* 40. 5. C. 492
 493 *Globularia Maurit. capite folioso* 40. 1. C. 493
 494 *Limonium Maurit. fl. minimo, caule folioso* 41. 12. C. 494
 495 *Ficoides fortè Maurit. perexiguus* 39. 3. C. 492
 496 *Convolvulus fortè Maurit. fl. cærul. fundo luteo* 40. 10. C. 496
 497 *Spartium Maurit. fl. albo monospermos* 37. 13. C. 497
 498 *Polygala Maurit. lutea aromatica* 41. 9. C. 498
 499 *Chamæcistus fortè Maur. luteus, fol. parvis serratis* 38. 9. C. 499
 500 *Orobanche Maurit. fl. purpureo* 37. 4. C. 500
 501 *Aloes fortè, Maurit. pumila foliis glaucis* 40. 8. C. 501
 502 *Baccifera planta perpumila Mauritanica* 39. 1. C. 502
 503 *Sanamunda fortè Maurit. fl. luteo* 38. 8. C. 503
 504 *Eryngium fortè Maurit. spinol. fol. angustissimo* 2. 9. C. 504
 505 *Nux Guineensis nucleo Moschatæ similis* 38. 1. C. 505
 506 *Myrtus Guin. Epimespili folio* xi. 7. C. 506
 507 *Gram. Lagopoid. Guin. spicâ longâ nutante* 2. 7. C. 507
 508 *Taggeæ Guin. radix fortè Trasi generis* 17. 10. C. 508
 509 *Nucleus tetragonus Guin. basi foraminoso* 37. 10. C. 509
 510 *Abrus sanguin. max. nigro mixtus Anacock* 44. 4. C. 511
 511 . . . *minor coccineus, hilo nigro* 44. 1. C. 510
 512 *Muscus ceranoides Palmensis comis digitatis* &c. 7. 12. C. 512
 513 *Parietaria Canar. fol. serrat. subtus lanuginosis* 7. 2. C. 513
 514 *Gemma Turcica in Hematitæ sculpta* 16. 2. C. 514

AMERICÆ Animalia, Vegetabilia, &c.

- 515 *Rana CAROLIN. max. voce Taurino* 25. 5. C. 515
 516 *Lacertus MARIANUS minor, caudâ cæruleâ* 1. 1. C. 516.
 517 . . . *undatus, subtus cæruleus* 14. 8. C. 517
 518 *Anguis exotica fulca, dorso alb. mac. aspersa* 6. 5. C. 518
 519 *Serpens AMER. variegat. cingulis mac. nigr.* 46. 1. C. 519
 520 *Ardea exotica aurita* 43. 12. C. 520
 521 *Tomineo virescens, gutture flammeo* 3. 8. C. 521
 522 *Avis Maryland. gutture luteo* 6. 1. C. 522
 523 *Toucan SURIN. niger, ex albo, flavo* &c. 44. 13. C. 523
 524 *Avicula fortè SURIN. è nigro, rubroque mixta* 46. 12. C. 524
 525 . . . *nigra, capite è luteo croceo* 46. 13. C. 525
 526 *Pisces BRASIL. cornutus* 20. 6. C. 526
 527 . . . *Bagre BRASIL. corpore maculato* 20. 7. C. 527
 528 *Oscabrion CAROL. perelegans* &c. 1. 3. C. 528
 529 *Echinus Ovar. Barb. radiis geminis* 5. 3. C. 529
 530 *Papilio CAROL. luteus, apicibus nigris* 7. 10. C. 530
 531 . . . *nigrescens, maculis luteis* 6. 12. C. 531
 532 . . . *Aurantiacus, maculis albis* &c. 15. 9. C. 532
 533 . . . *fuscus &c. margine eleg. maculato* 33. xi. C. 533
 534 . . . *Marian fuscus, area oculata* &c. 2. 3. C. 534
 535 . . . *Bella donna dicta Virginiana* &c. 33. 5. C. 535
 536 . . . *Cartagena nigresc. alba linea* &c. 6. 7. C. 536

- 537 . . . *Mexican. nigresc. linea lutesc. &c.* 4. 2. C. 537
 538 . . . *Famale. è fusco lutescente* &c. 13. 1. C. 538
 539 . . . *Surinam max. subtus perbelle oculatus* 28. 1. C. 539
 540 . . . *ex Aurant. nigro* &c. mixtus 12. 8. C. 540
 541 . . . *caudatus minor, verruc. ex aureo* &c. 10. 9. C. 541
 542 *Papilionculus exoticus cærulescens* 46. 15. C. 542
 543 *Papilionoides CAROL. fusca, sign. aurea* &c. 32. 5. C. 543
 544 *Phalena plumata MAR. caudata virescens* 14. 5. C. 544
 545 . . . *Mariana percruciata* 17. 7. C. 544
 546 . . . *fulvescens cruciata* 17. 8. C. 545
 547 . . . *argentea minima* 17. 2. C. 546
 548 . . . *minor fulva, maculis nigris* &c. 3. 2. C. 547
 549 . . . *Bombylus CAROL. max. ferrugineus* 32. 7. C. 549
 550 *Phalenoides Apiformis MAR. &c. mac. argent.* 17. 12. C. 550
 551 *Folliculena CAROL. è virgulis cooperta* 7. 6. C. 551
 552 *Musca CAROL. nigr. antennis magnis plumosis* 6. 6. C. 552
 553 *Vespa Virgin. impennis, è nigro rubroque* 13. 10. C. 553
 554 *Libella MAR. media &c. trinubilata* 15. 2. C. 554
 555 . . . *compressa &c. nubibus latis medio alarum* 15. 1. C. 554
 556 *Capricornus AMER. &c.* 24. 6. C. 558. Mul. Retiv. 708
 557 . . . *CAROL. fuscus, pallido aspersus* 25. xi. C. 559
 558 . . . *nigr. MAR. undis & circ. flavescens.* 27. 3. C. 560
 559 *Cantharus CAROL. niger, undis pallefc.* 33. 9. C. 561
 560 . . . *MAR. viridis perelegans* &c. 2. 2. C. 562
 561 *Nasicornis Tauroceros MARIAN. splendens* &c. 24. 10. C. 557
 562 *Scarabeus Mexican. bicornis* 46. 14. C. 556
 563 . . . *elast. maj. AMER. capite bimaculato* 10. 4. C. 563
 564 . . . *oblongus niger VIRG. Vagin. sulcatis* 27. 7. C. 564
 565 . . . *MARIAN. viridis aceratos* 27. 9. C. 565
 566 . . . *Rhinoceros* 27. 8. C. 566
 567 *Scarabeolus hæmisphericus Cochineelifer* 1. 5. C. 567
 568 . . . *MAR. maculis nigricantibus* &c. 33. 3. C. 568
 569 . . . *stramineus mac. aterrimis* &c. 26. xi. C. 569
 570 . . . *lutescens, striis nigris* 17. xi. C. 570
 571 *Sphondylus BARBAD. parvus altè sulcatus* 24. 12. C. 571
 572 *Pectunculus AMERIC. fasciis crassis* 25. 9. C. 572
 573 . . . *lunulatus, fasciis altè elatis* 24. 5. C. 573
 574 *Tellina affinis FAM. lunulata, cuneo* &c. 25. 8. C. 574
 575 . . . *parva, radiata, intus &c. purpurascens* 18. 4. C. 575
 576 *Cochlea FAM. depressa bidens* 21. 6. C. 576
 577 *Buccinum BARB. perelegans fasciatum* 12. xi. C. 577
 578 *Buccinulum dent. FAM. striis fasciatis, mac.* 9. 4. C. 578
 579 *Olivaris BARBAD. vix. dentatus ex albo* &c. 30. 6. C. 579
 580 . . . *striata & fasciata AMERICANA* 27. 2. C. 145
 581 *Nerita FAM. ex albo nigroque tessellatus* 13. 12. C. 579
 582 . . . *alba parva, striis Castaneis* 15. 8. C. 581
 583 . . . *BARBAD. instar plumæ eleganter maculata* 11. 4. C. 580
 584 *Unicornu NEVICENSE gyris cavis* 46. 7. C. 583
 585 *Veneroides BARBAD. minor marmorata* 50. 13. C. 584
 586 . . . *alba, media annuloso* 15. 5. C. 585
 587 *Auris BABAMICA non perforata* 12. 4. C. 293
 588 *Patella AMER. parva compressa, orificio strictiori* 3. 12. C. 578
 589 *Corallium STELLAT. compressum albescens* 48. 10. C. 586
 590 *Millepora AMER. spongi. arenosa* 49. 6. C. 587
 591 *Porus spongioides AMERICANA* 23. 2. C. 588
 592 *Spongia BARBAD. alba Corallii facie* 23. 6. C. 589
 593 *Argyrocome VIRGIN. Atriplicis folio* 7. 4. C. 590
 594 *Randalia MARIANA procerior* 6. 2. C. 591
 595 *Plantago MARIANA spicâ pretenue* 1. 10. C. 592
 596 *Abrus BARBAD. niger parvus, hilo rubro* 44. 5. C. 593
 597 . . . *Anteguanus medius miniatus* 44. 2. C. 594
 598 . . . *med. miniat. nigro nubilatus* 44. 3. C. 595
 599 *Phascolus FAM. niger compressus* &c. albus 38. 2. C. 596
 600 *Anagallis MARIANA lutea, fol. latis stellatis* 2. 5. C. 597
 601 *Linulum CAROL. humistratum KNAWELL facie* 5. 6. C. 598
 602 *Betle NOVAE HISP. fr. longo angustissimo* 46. 6. C. 599
 603 . . . *MEX. repens, fol. pinguibus odoratis* 46. 5. C. 600
 604 *Vanillia OFFICINARUM* 46. 2. 3. 4. C. 601
 605 *Gladiolus lacustris VIRGIN. cærul. &c.* 1. 12. C. 602
 606 *Ornithogalum VIRGIN. luteum, fol. Gram. hirsut.* 1. 11. C. 603
 607 *Baccifera MAR. Clematis DAPH. minoris fol.* 1. 19. C. 604
 608 *Arbor PERUV. Corticem FEBRIFUGAM ferens* 46. 9. C. 605
 609 . . . *MEXIC. Flore Tulipæ* &c. 46. 8. C. 606
 610 *Echinites CAROL. compressus* &c. 46. 16. C. 607

LECTORI BENEVOLO.

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NATURÆ & ARTIS
DECAS PRIMÆ. ^{H. 11.}

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PISCES, REPTILIA, INSECTA, VEGETABILIA;
Item FOSSILIA, Corpora MARINA & STIR-
PES MINERALES è *Terra* eruta, LAPIDES
figurâ insignes &c.

DESCRIPTIONIBUS brevibus & ICONIBUS
illustrantur.

Hiscæ Annexæ erit *Supellex* ANTIQUARIA, NUMIS-
MATA, GEMMÆ excisæ, & sculpturæ, Opera
Figulina, Lucernæ, Urnæ, Instrumenta varia,
INSCRIPTIONES, BUSTA, reliquæ ad rem
priscam spectantia: Item MACHINÆ, EFFIGIES
clarorum virorum, omniæque ARTE producta.

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D. D. D.

JACOBUS PETIVER.

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GAZOPHYLACII NATURÆ&c.

T A B. I.

1. **L** Acertus MARIANUS minor caudâ cæruleâ. *This is very particular in having a blew shining Tail, and is found about Trees in MARYLAND, from whence it was observed by my Curious Friend, Dr. DAVID KRIEG M. D. & S. R. S.*
2. **P**iscis Quadrangularis parvus, verrucosus & reticulatus. *Taken out of the Stomach of a Cod-fish, in an East India Voyage by Mr. JAMES WHITE Surgeon.*
3. **O**scabrion CAROLINIANUS perelegans, squammis bifariâ variegatus. *This elegant Animal was given me by my Honoured Friend Dr. MARTYN LISTER, one of her Majesties Principal Physicians, to whom it was sent from CAROLINA.*
4. **A**fellus marinus, e nigro luteoque striatus. *Sea-Hog-louse. Brought up with Angling in SMYRNA Bay, and given me by Mr. JOB MATHEWS Apothecary. an Pediculus Marinus Rond. Pisc. 576. Fig. L. 18. C. 28? an Poul de Mer Rond. Poiss. 412. Fig. L. 18. c. 26?*
5. **S**carabeolus Hemisphæricus Cochineclifer. *Cochinilla & Coccinilla Offic. Dale 539 5. COCHINEAL. Aët. Phil. 176. p. 1202. & No. 193. It is here represented in its several States, that to the right being the Beetle, to the left the Chrysalis, and below as we have them in the Shops.*
6. **P**lan-Orbis INDICA, ex castaneo alboque striato, umbilico patulo. *This was brought from Fort St. George, to my Curious Friend Dr. Grey.*
7. **P**apilio Leucomelanus CANTABRIGIENSIS. *nobis. Papilio Leucomelanus subrus viridescens matmoreus Mus. Petiver. 304. Vernon's half-Mourner. I know not of any that hath met with this in ENGLAND, but Mr. Vernon about Cambridge, and there very rare.*
8. **P**apilio ULISIPONENSIS ex nigro luteoque mixtus, maculis sanguineis aspersis. *This is eminently distinguish'd from others, in being sprinkled with some bloody Spots: It was observed about Lisbon by my Curious Friend Mr. Jezreel Jones.*
9. **X**eranthemum speciosum e CAP. BON. SP. fl. albo maximo Mus. PETIVER. 500. *After GNAPHALOIDES fl. albo Cap. B. Sp. Breyn. Cent 179. 2. Chrysocome f. Argyrocome Gnaphaloides Africana amplissimis floribus Breyn. pr. 1. p. 27. 1 an Elychrysum Africanum lanuginosum latifolium, calyce floris argenteo & amplissimo Oldenl. Inst. Rei Herb. 453. pl. 17? I received this elegant Plant from Dr. Frederick Roych, that accurate Anatomist, and Curious Botanist of Amsterdam: It being the only Specimen I have yet seen. It's distinguish'd from all others by its large white strawy Flowers and thick Cloath-like Leaves.*
10. **P**lantago MARIANA spicâ prætenue Mus. PETIVER. 658. *This I had from Dr. David Krieg, who gathered it in MARYLAND.*
11. **O**rnithogalum VIRGINIANUM luteum, foliis Gramineis hirsutis. *nobis. Ornithogalum luteum parvum, foliis hirsutis D. BANISTER. Ray H. Pl. 1927. This is pretty common in CAROLINA, MARYLAND and VIRGINIA. Its heavy Grasslike Leaves distinguish it from all I have yet seen.*
12. **G**ladiolus lacustris VIRGINIANUS cæruleus, Sagittariæ folio. *nobis. Sagittariæ similis, planta palustris Virginiana spicâ florum cæruleâ. D. BANISTER. H. Oxon. Sect. 15. p. 618. Tab. 4. Fig. 8. I have received this from MARYLAND and VIRGINIA; as also from Mr. Edm. Bohun who gathered it in South Carolina, where it flowers in June and July, and is called by them Wake-Rubin.*
13. **B**accifera MARIANA, Clematis Daphnoidis minoris folio Mus. PETIVER. 363.



To the most Reverend Father in God, THOMAS Lord ARCHBISHOP of CANTERBURY, Metropolitan of ENGLAND &c. This TABLE is humbly dedicated by JAMES PETIVER. F. R. S.

GAZOPHYLACII NATURÆ &c. TAB. II.

1735. — 1. **C**Apricornus NORWEGICUS nigrescens, vaginis punctatis maculisque pallidis aspersis. Mr. Richard Wheeler sent me this from NORWAY.
4783. — 2. Cantharus MARIANUS viridis perelegans, vaginis sulcatis, signaturis flavescens ornatiss. This rare and elegant Insect was first discovered in MARY-LAND by the Reverend Mr. Hugh Jones.
4885. — 3. Papilio MARIANUS fuscus, areâ marginali oculatâ. This also came from the same Hand.
4. Musca AFRICANA flavescens, caudâ triseriâ, alis nebulosis. Mr. Richard Planer caught this at Cape Mount Serrado near GUINEA.
5. Anagallis MARIANA lutea, foliis latis stellatis. This elegant Plant is distinguish'd by its broad Leaves, there being another sort which I have seen from those Parts with more, and much narrower.
6. Schœnanthus Avenaceus procumbens MADRASPA-TANUS Beupleuri facie Mus. nost. 577. The heads of this Camels-hay are much smaller and shorter than any other Species I have yet seen, as are its Leaves and its Sheaths.
7. Gramen Lagopoides GUINEENSE, spica longa nutante Mus. nostri 238. This Grass hath Spikes upright as well as bending, particularly while they are young, as I have lately observed in several Specimens Collected by Mr. Watt and Mr. Skeen Surgeons at Cape 3 Puntas on the Coast of Guinea.
8. Ilicis foliis exiguis Frutex Orientalis Mus. nost. 250. This Shrub has elegant shining Leaves, I should be glad to see it in Flower and Fruit. Capt. Conway brought it me from Suratt.
9. Erica Promont. Bonæ Spei floribus albidis staminibus rubris Mus. nost. 636. This is known by its Cottony Heads with short red Stamina, and its smooth Leaves distinguish it from Mus. nost. 765.
10. Erica carnea Promont. Bonæ Spei, foliis & floribus villosis Mus. Nost. 637. This has Cottony Heads like the last, but they are commonly green and sometimes yellowish as if mouldy, and from these Heads proceed no stamina as in the other.
479. — 11. Papilio minor supernè fuscus, infernè viridis. Observed by Madam Glanvil in the West of ENGLAND, as also by Mr. Antrobus about CAMBRIDGE, I have also once or twice seen it about LONDON.
4738. — 12. Scarabeus ALEPENSIS parvus villosus, vaginis e fusco aureoque mixtis. Mr. Samuel Daniel Surgeon, caught this about Aleppo.



To the Right Reverend Father in God
 HENRY Lord Bishop of LONDON &c.
 this Table is humbly Dedicated by JAMES
 PETIVER F. R. S.

GAZOPHYL. NATURÆ ET ARTIS.

TAB. III.

422. **L**ibella TURCICA major, alis Locustæ. The sprinkled Clouds in the Wings of this Adder-bolt, are very dark, near to black. Caught about Aleppo, by Mr. Sam. Daniel Surgeon.

1567. 2. Phalena MARIANA minor fulva, maculis nigris, albâ lineâ pulchrè aspersis. This elegant Moth I first received from Mary-land and since from Carolina.

1366. 3 Phalena MONSPELIACA alba minor speciosa, maculis sanguineis nigrisque aspersis. This rare and beautiful Fly came among those Insects, which Mr. Hen. Goff and his Brother was pleased to give me, Collected in India, which the late worthy Mr. Charlton assured me he had long since caught about Mompelier, and upon comparing his with this, I find them the same.

3513. 4. Papilio GUINEENSIS nigrescens, lituris albis aspersis. Mr. Edward Bartar formerly sent me this from Cape Coast in Guinea. The Ground of its Wings are black above and rusty below.

5. Capricornus CAPENSIS niger, fasciis Aurantiacis.

6. Locusta CAPENSIS, alis inferioribus luteis. This and the last were sent me from the Cape of Good Hope, with several other Insects very curiously preserved, by my ingenious Friend Mr. John Starrenburgh.

7. Erica CAPENSIS Coridis folio, flore rubello.

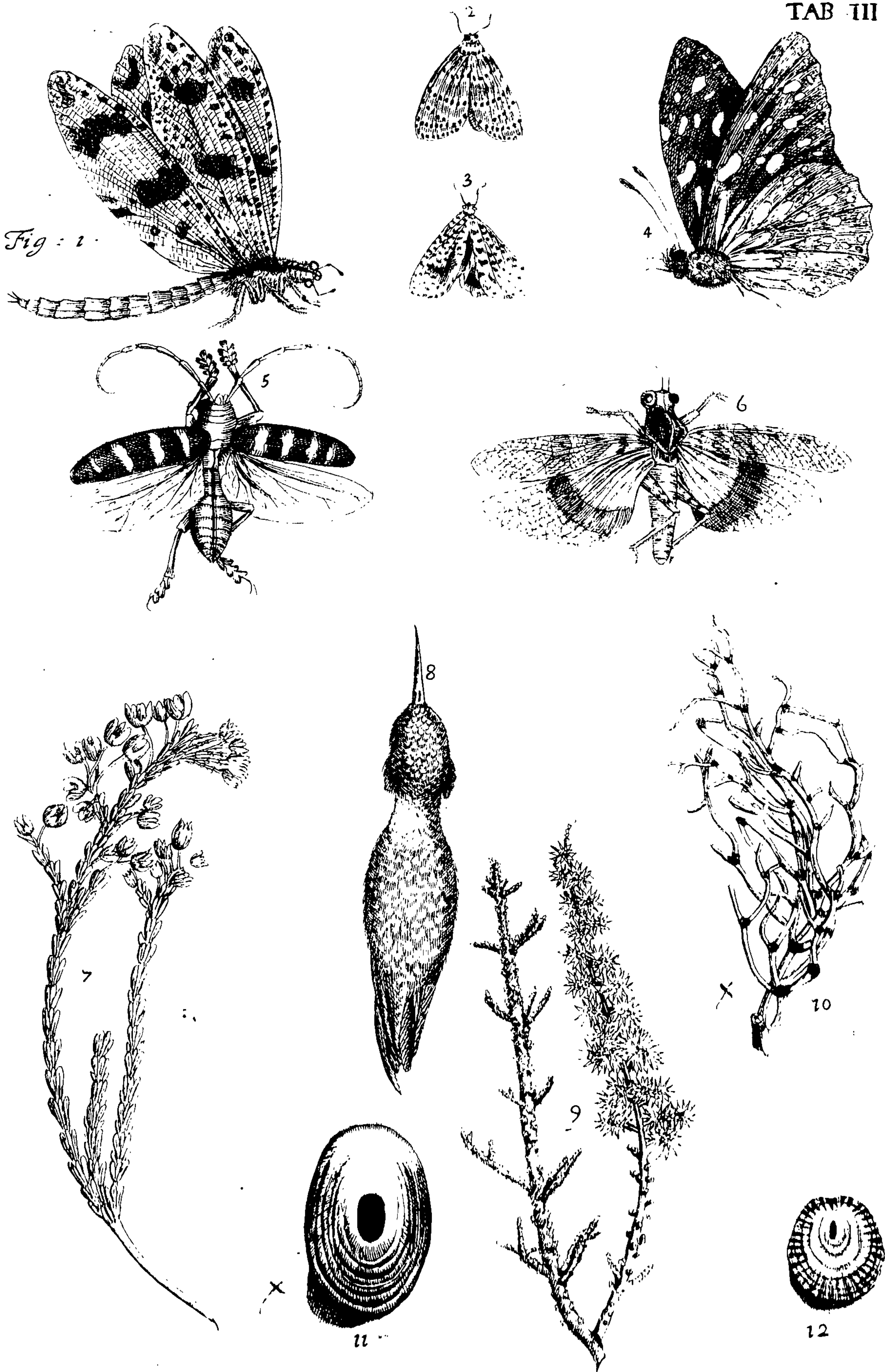
8. Tomineio MARIANA virescens, gutture flammeo. The Humming Flame-Throat. an Guai-numbi 8. Marcgr. L. 5. c. 4. p. 197. 8? Ray Ornith. 167. 8. id. Angl. 232. 8. Tab. 42. Fig. 7. 9? an Ourellia live Tomineio Clus. Exot. L. 5. c. 2. p. 96. Fig. 7. The Reverend Mr. Hugh Jones sent me this beautiful Bird from MARY-LAND.

9. Breyniana Cincroides CAPENSIS nobis. Frutex cineraceus muscosus Capitis Bonæ Spei. Breyn. Cent. 24. c. 12. Fig. Tamarisci seu Myrica fortè genus Æthiopicum Pluk. Tab. 297. Fig. 1. Alm. Bot. 159. pl. 13. & Tamarisci seu Myricæ fortè genus Æthiopicum, muricato fructu intus tomentoso Alm. Bot. 361. pl. 11. This, the next and Fig. 7. Mr. John Starrenburgh sent me with many other fair Specimens from the Cape of Good Hope.

10. Hippuris Coralloides carnea, CAPENSIS, geniculis limosis.

11. Patella INDICA compressa orificio magno ovali. Mr. Charles Perry Surgeon collected this in a Voyage to the East Indies.

12. Patella compressa, parva, exotica, orificio strictiori. Given me by the Reverend Mr. William Stonestreet.



To Her Grace MARY, Dutchess Dowager of
BEAUFORT, This TABLE is humbly De-
dicated, by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS. TAB. IV.

Fig. 1. **C**icada CAPENSIS variegata, marginibus transparentibus. Mr. John Starrenburgh sent me this elegant Fly from the Cape of Good Hope.

2. Papilio MEXICANUS nigrescens, lineâ lutescente arcâ miniaceâ notabili Mus. nost. 515. Caught at La Vera Cruce by Mr. John Kirkwood Surgeon.

3. Papilio MADRASPATANUS medius, flavedine & fulco mixtus, liturâ cæruleâ insignitus S. B. 5. 6. seu A. F. Phil. No. 276. p. 1023. 6. This singular Butterfly Mr. Edw. Bulkley sent me from Fort St. George.

4. Adiantum Philippense, folio rotundo laciniato. Taken from a Design the Reverend Father George Joseph Camel sent Mr. Ray and me, from the Philippine Isles.

5. Buccinulum album, lineâ sanguineâ spirale. This singular and elegant Shell, the Reverend Mr. Hugh Jones gave me before his Departure to Maryland.

6. Stella CHINENSIS perelegans dupliciter radiata. S. B. 5. 1. seu A. F. Phil. No. 276. p. 1023. 1. Mr. Samuel Brown procured me this odd Animal from China.

7. Capricornulus ORIENTALIS viridis guttulis nigris. Given me by Mr. Nich. Staphurst, who found it on Ship-board in a Voyage from the East Indies.

8. Umbilicus ORIENTALIS angustus ferratus fuscus. an Unguis odoratus CB in Matth. 246. c. 8. Fig. ? Matth. in Diosc. edit. Valgris. A. D. 1560 p. 181. c. 8. Fig. ? Lonic. in Diosc. p. 96. c. 7. Fig. Bizantia Pomet. pt. 2. p. 97. Fig. Oυξ Græc. Achfar ateb aut Adfar alhaib. Arab. i. e. Ungula aromatica Lat. Ongle aromatique Gal. Narrow Conk-lid. Mr Charles Perry Surgeon brought me this only one I have yet seen from the East Indies.

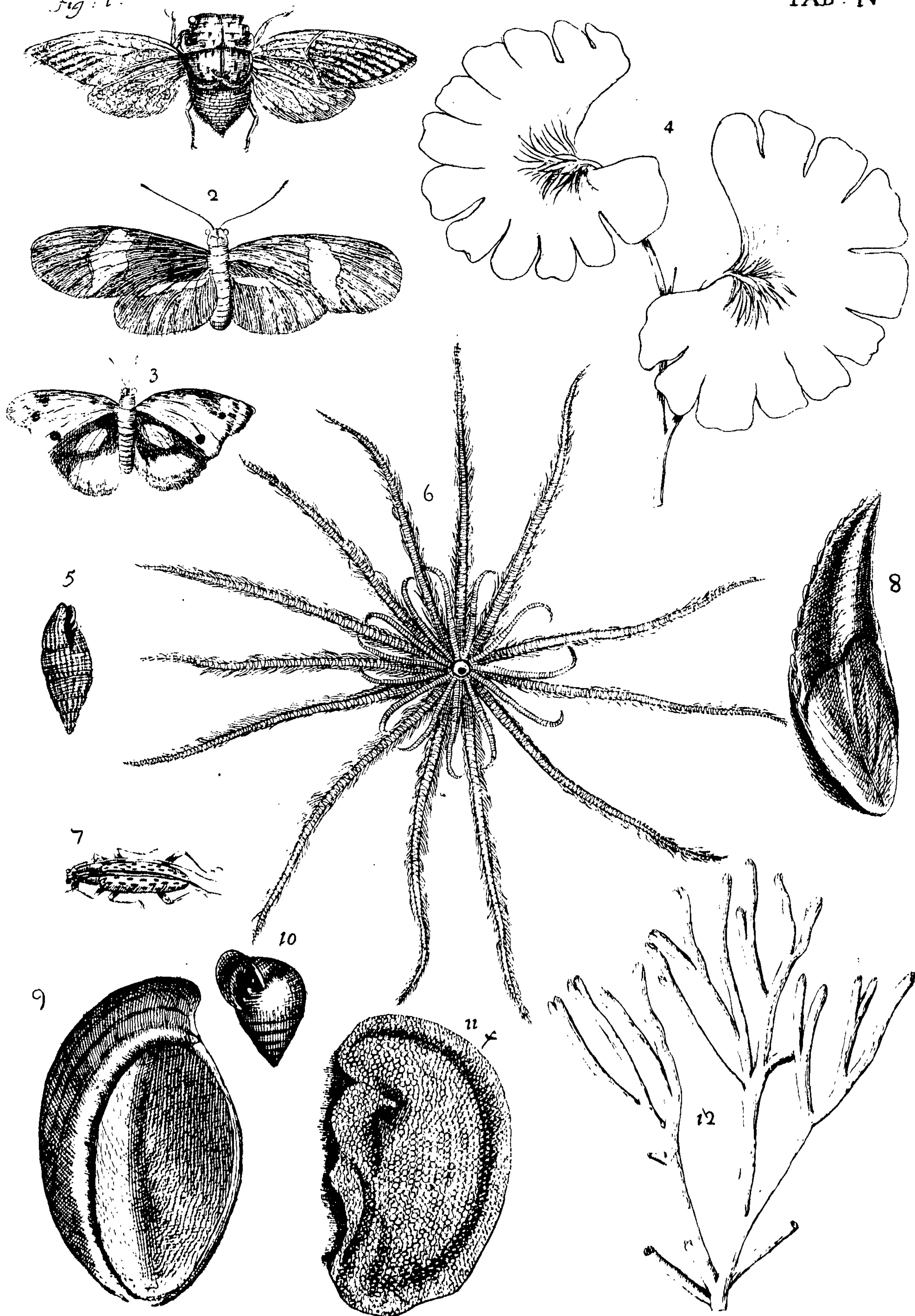
9. Umbilicus latus fuscus. nobis. Blatta Pomet. pt. 2. p. 97. Fig. bonâ Blatta Bizantia Offic. Dale 549. 4. Purpura Loniceri in Diosc. p. 96. c. 7. Fig. bon. Chesnut Oyster Mus. Reg. Soc. 141. Tab. 12. Fig. opt. Broad Conk-lid. Parkinson p. 1574. c. 14. gives us Figures much resembling both these, and of this last 2 or 3 Varieties. I hope in time to receive these in their proper Shells, which will then enable me to give a better Account of both.

10. Cochlea BENGALENSIS ore lacerato. an Cochlea compressa variegata, lateribus acutis, senis minimum dentibus donata List. H. C. L. 4. S. 5. Fig. 31. Tab. 577? c. 1 Mr. Stocker found this Shell in the Bay of Bengale.

11. Fungus CAPENSIS subtus porosus. This above resembles our Rain-bow Mushrome, but underneath is pounc'd like a Thimble. My kind Friend Mr. John Heardson Apothecary, gathered this at the Cape of Good Hope in his Way to Suratt.

12. Alga Spongioides MONSPESSULANA viridis. Sent me from Mompelien, by that curious Physician and Botanist Dr. NISSELE.

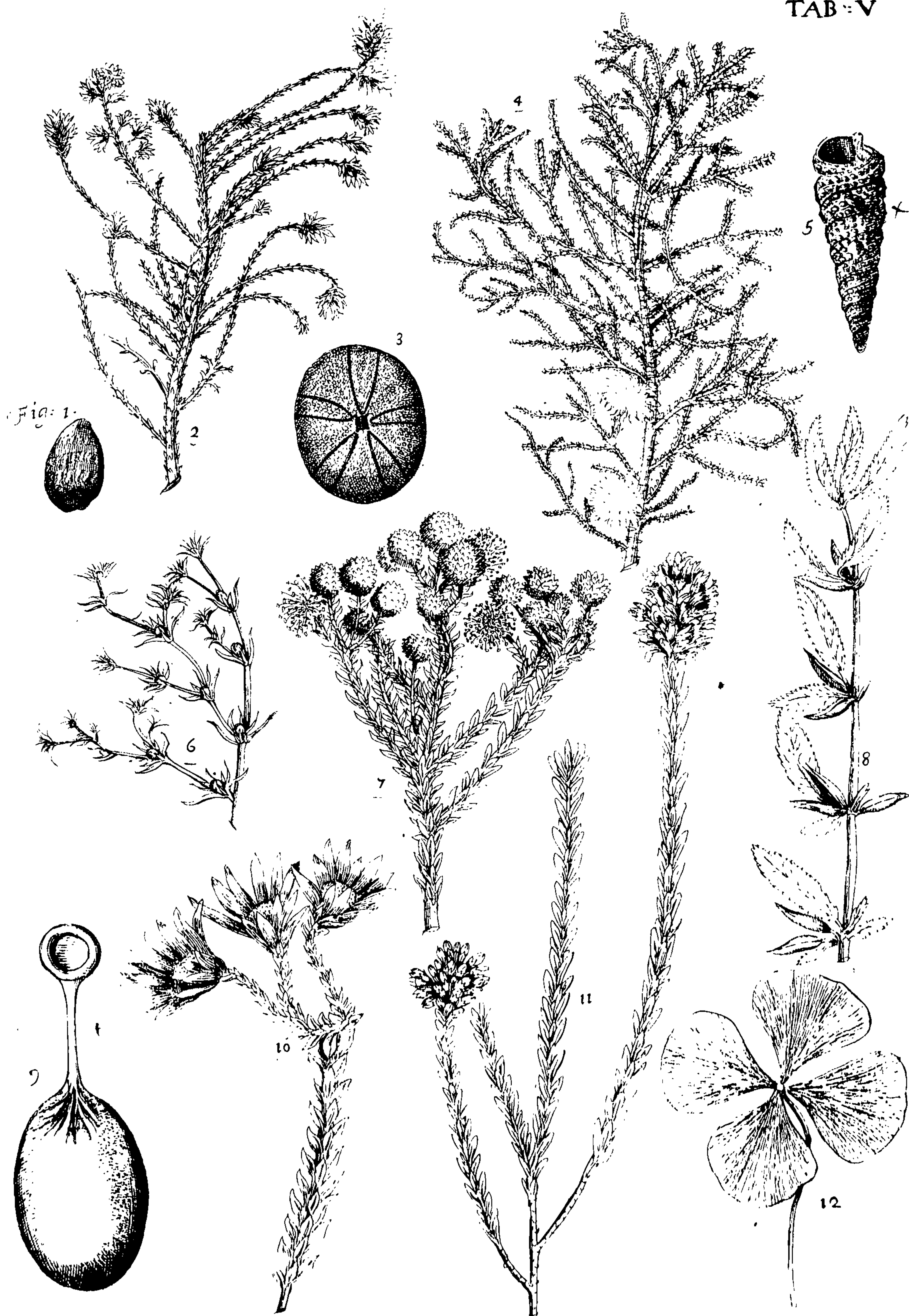
fig: 1.



To the Right Honourable CHARLES Earl of
DORSET and MIDDLESEX, This TABLE
is humbly Dedicated by JAMES. PETIVER
F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. V.

- † Fig. 1. **C**oncha Veneris parva undata, ventre maculato. Concha Veneris parva, ventre subluteo maculoso, dorso undatis lineolis ex triplice ordine depicto *List. H. C. L. 4. S. 9. Tab. 661. Fig. 5. It's easily distinguish'd from all others, by its peculiar Waves and Spotted Belly.*
2. Abrotanoides CAPENSIS Ericæ folio. *This and Fig. 4. Mr. John Starrenburgh sent me from the CAPE.*
- ✕ 3. Echinus ovarius BARBADENSIS, radiis quinque geminis venustè striatus *Mus. Petiver. 124.*
4. Breyniana CAPENSIS, capitulis albis plumosis. *Were it not for its plumose Heads this exactly resembles Fig. 9. Tab. 3. of our GAZOPHYLACIUM.*
- ✕ 5. Unicornu WIDENSE nodosum & verrucosum. an Buccinum fuscum, nodosis striis distinctum *List. H. C. L. 2 Tab. 122. Fig. 18. Observed at WIDA on the Coast of Guinea, by Mr. Wat Surgeon, and given me by Mr. Skeen. Mr. John Kirckwood hath also found it at Old Calabar.*
- ✕ 6. Linulum CAROLINIANUM humistratum *Knawel facie. This was brought me by my kind Friend Mr. Edm. Bohun who observed it about Goose Creek in South CAROLINA.*
- ✕ 7. Lewisianus CAPENSIS Serpilli folio. *This differs from No. 785. Musei nostri, in having its Leaves almost round, like Mother of Thyme.*
8. Onagra minima MADRASPATANA Pimpinellæ acutioris folio. an Onagra Americana folio Betonice fructu hispido *Inst. Rei Herb. 302. 6.*
- ✕ 9. Folliculena seu Folliculum Phalenæ ovale, appendice annulo terminante é MADRASPATAN S. B. 3. 11. seu Aët. Phil. No. 271. p. 860. 11. The Ring-Coffin. *This and the last Mr. Edw. Bulkley sent me from Fort St. George.*
- ✕ 10. Xeranthemum CAPENSE Tartenraire folio. *This altogether new and elegant Plant with the next, Mr. John Starrenburgh sent me from the CAPE.*
11. Genista tinctoria CAPENSIS, purpurea, foliis sericeis. an GENISTA Africana frutescens, foliis Tartenraire, fl. purpureo OLDENL. *Inst. R. H. 644. 10 ?*
12. Stratiotes quadrifolia Lujulæ facie. an Lemma Theophrast. Lugd. 1014. c. 11. Fig. an Lens palustris, altera CB. in Matth. 783 Fig. 2. Lac. Lugd. 1015. Fig ? Lens palustris quadrifolia CB Phyt. Fig. 7. 1. I B. V 3. l. 38. p. 777. Fig. Chabr. 566. Fig 3. Park. 1262. Fig. 2. Lente palustre Durant. app. Fig. an Lenticula palustris quadrifolia CB. 362. 4. palustris tetraphyllos IB. prodr. 115. 2. palustris 2. Tab. an Lenticulæ alterum genus *Cesalp. This Specimen here Figured, I had from WIDA in Guinea, which having single Leaves only, best agrees with the Lemma Theoph. Lugd. 1014. From Fort St. George I have received what I take to be the same in Branches which very well agrees with the other Figure of Lugd. p. 1015. and the other Authors abovementioned, I have not as yet seen an European Specimen, by which I should be the better able to judge.*



To Sr. JOHN HOSKYNS Knt. and V. P. R. S.
 this TABLE is humbly Dedicated by JAM.
 PETIVER. F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. VI.

Fig. 1. **A**vis MARY-LANDICA gutture luteo. The Mary-Land Yellow-Throat. This and the next the Reverend Mr. Hugh Jones sent me from MARY-LAND.

2. Randalia MARIANA procerior. nobis. Planta Mariana capitulis albis conglobatis Mus. PETIVER. 668. Mary-Land Randall-wort.

3. Cupressus CHUSANENSIS Abietis folio. Mr. James Cuninghame Surgeon sent me this with many other Curious Plants from CHUSAN an Island near LIAMPO in China. The Leaves are triangular, carinated, stiff, and stand off from the Stalk, its Seed is brown and small, not much unlike Buck-Wheat but not so regular.

4. Conophoros CAPENSIS foliis parvis obtusis. nobis. Alypum è Promont. Bonæ Spei foliis minimis Mus. Petiv. 604.

5. Anguis Exotica, fusca, dorso albis maculis aspersis. This elegant Snake I received from my worthy Friend Dr. Godfrey Bidloo, Anatomick Professor at Leyden, and Physitian to his late Majesty King WILLIAM.

6. Musca CAROLINIANA nigrescens, antennis magnis plumosis. My kind Friend Mr. Rob. Ellis sent me this wonderful Fly from Carolina.

7. Papilio CARTAGENIUS nigrescens, albâ lineâ prope extremitatibus alarum. Mr. Richard Planer Surgeon brought me this from Carthage in America.

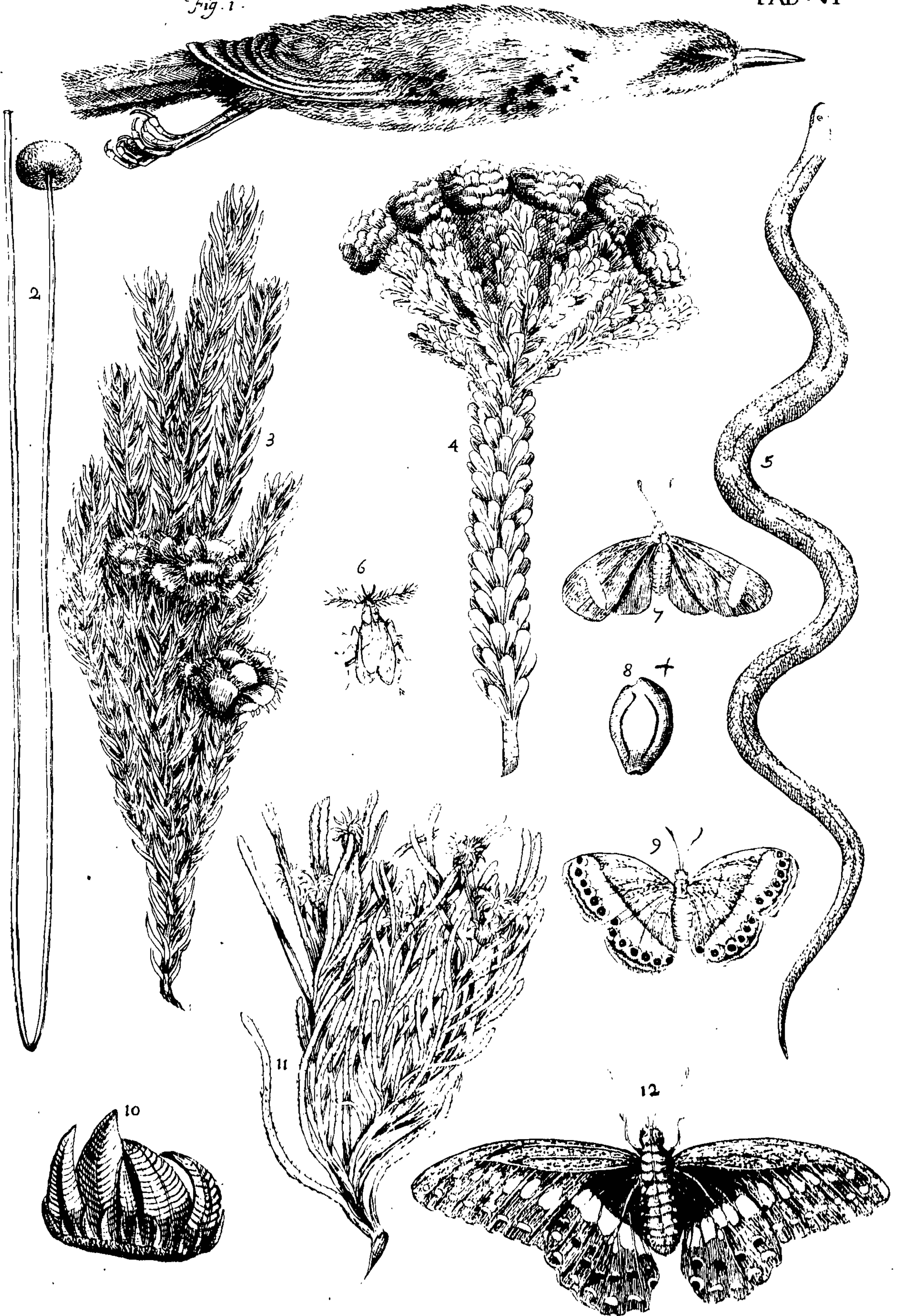
8. Concha Veneris Emuyaca, albidâ minor levis, circulo croceo S. B. 5. 35. seu Act. Phil. No. 276. p. 1028. 35. where I have given you other Synonyms and its comparative Difference.

9. Papilio ANGOLENSIS, margine pulchrè oculata: Mr. John Kirkwood Surgeon was the first who discovered this elegant Fly at Angola.

10. Balanus Chinenfis cristatus nobis. an Balanus compressa & squammata Mus. Regal. Soc. 149. an Balanus Rond. aq. c. 29. p. 28. Fig? Glans de Mer Rond. Gallic. c. 25. p. 21. Fig? an Scaled Centre Shell Mus. Regal. Soc. Tab. 12. Fig. 6? That most Curious Naturalist Mr. James Cuninghame first observed this at Emuy and since at Chusan. This seems very much to resemble the Figures in Rondelet.

11. Jacea CAPENSIS Gnaphalii folio. an Jacea Æthiopica Stæchadis citrinæ majoribus tomentosis foliis, capitulorum spinis & squammulis ex aureo colore nitentibus Alm. Bot. 196. 6. Tab. 302. Fig. 3?

12. Papilio CAROLINIANA nigrescens maculis luteis. My Kind Friend Mr. Edmund Bohun first observed this Butterfly in CAROLINA.



To the Honourable Capt. CHARLES HATTON, this Table
is humbly dedicated by JAMES PETIVER F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, Tab. 7.

Fig. 1. **G**Naphalium CAPENSE spicatum, Alyssi foliis. I am obliged to Dr. Frederick Ruysch Professor of Anatomy and Botany at Amsterdam for the discovery of this Plant.

2. Parietaria CANARIENSIS foliis ferratis subtus lanuginosis. This elegant Plant was first observed at the Canaries by my ingenious Friend Mr. James Cuninghame.

3. Argyrocome Capitis Bonæ Spei Thymi foliis Mus. Petiver. 144.

4. Argyrocome Virginiana Atriplicis folio nobis. Conyza Virginiana Halimi folio Inst. Rei Herb. 457. 7. Elychryso affinis Virginiana frutescens foliis Chenopodii glaucis Pluck. Tab. 27. Fig. 2. Alm. Bot. 134. pl. 12. Pseudo-Helichrysum Virginianum frutescens Halimi latiori foliis glaucis H. Ox. Sect. 7. p. 90. Tab. 10. Ser. 3. Fig. 2. No. 4. & Tab. 17. Ser. 3. Fig. ult. Senecio Virginianus arborescens Par. Bat. 225. Fig. & Desc. Senecio frutescens Virginiana Atriplicis folio Ray 1799. 14. and 1861. 6. I have observed this in Flower, in the Bishop of LONDON his most Curious Garden at Fulham.

436. X 5. Papilio LUSITANICUS oculatus & marmoreatus. The Portugal Grayling. Caught about Lisbon by Mr. Jezreel Jones.

6. Folliculena CAROLINIANA e virgulis cooperta. This Case-worm as Mr. Edward Bohun calls it, he observed many times in the Woods in Carolina about July; These are fastened to a sort of Willow and guarded with little bits of Twigs like those I have observed on the Phryganium or Caddus in our Rivers.

255. X A. 7. Phalena Occident. Angliæ lituris ex aureo & argenteo mixtis.

A. 8. Phalena Occident. Angliæ alba, signaturis nigris undatis. This, the last, and Fig. 11. all very rare, were first discovered in the West of England by Madam Glanvil a Person extremely curious in the Knowledge of English Insects.

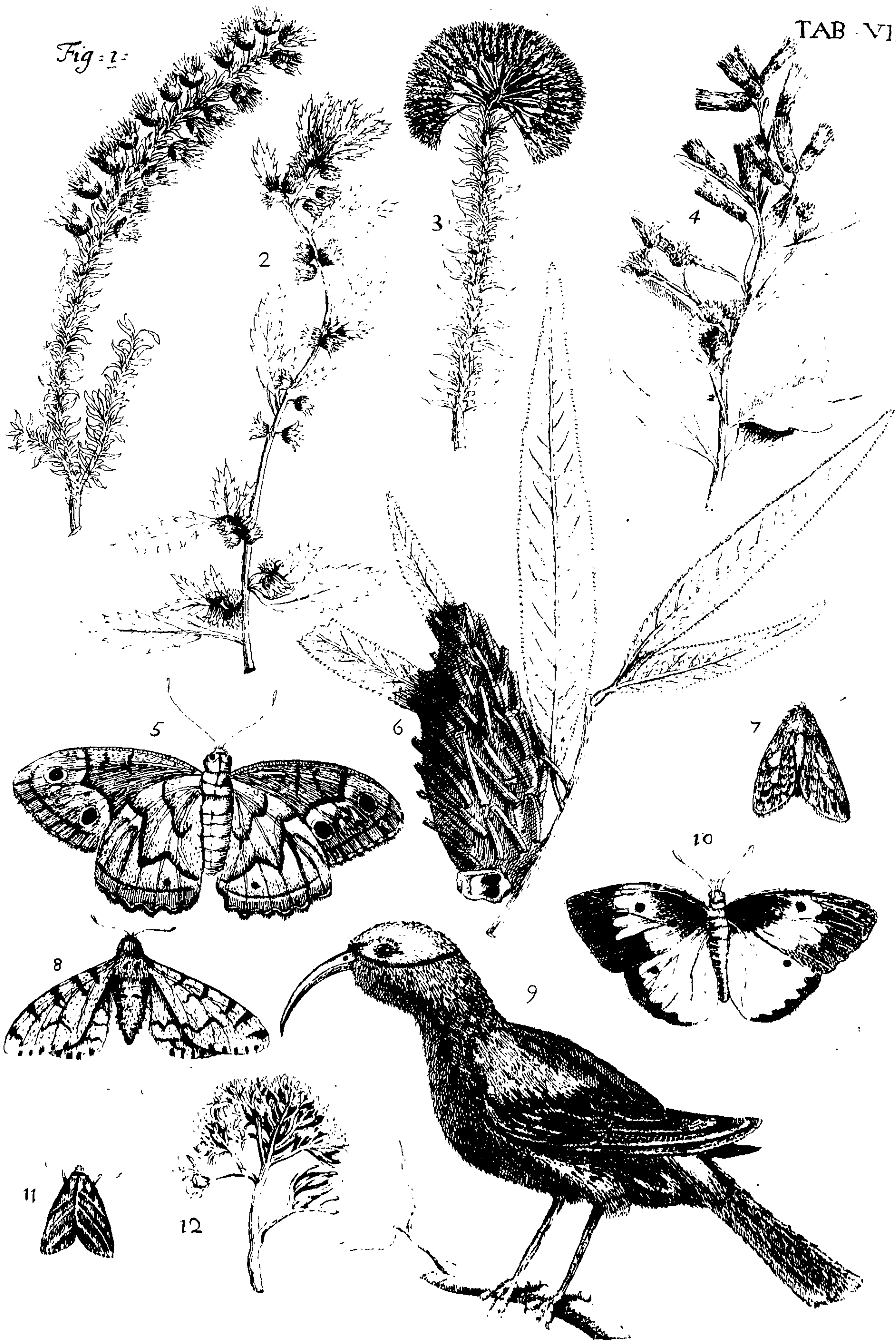
9. Tonineo CAPENSIS major, capite luteo. This beautiful Bird I figured from a Painting my worthy Friend Dr. David Krieg N. R. S. sent me from Riga, whilst it was besieged. Mr. John Rance Surgeon (to whom I am obliged for several Shells he brought me from Borneo) tells me he hath often observed this Bird at the Cape of Good Hope, and that it hath a very long Tongue, which it throws into Flowers as other humming Birds.

10. Papilio CAROLINIANUS luteus, apicibus nigris. I am extremely obliged to that Generous Gentlewoman Madam Williams, who first sent me this with several other very Curious Butterflies from Carolina.

1682. X A. 11. Phalena Occident. Angliæ, virescens, lineis obliquis albescentibus. This rare Moth with many others Madam Glanvil was pleased to give me, who had observed them in the West of England.

12. Mulcus Ceranoides PALMENSIS comis digitatis, Orchili dictus Mus. Petiver. 436. I take this to be the same which Theverus says grows in the Canary Islands especially Ferro, on the Rocky Mountains where they call it Oricelle and the Arabians Serth, with which they give a fine Dye to their Spanish Leather Hist. Lugd. p. 175. lin. 13. Mr. James Cuninghame who gathered it at Palma one of the Canary Isles, says they call it there Orchili, and use it for Dying.

Fig. 1.



To Dr. MARTIN LISTER Her Majesty's Physician and F. R. S.
This Table is humbly dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS Tab. 8.

Fig. 1. **E**Upatoroides *Capensis* capitatus. First received from Mr. John Starrenburgh.

X 2. *Perficula guttulis croceis lineata. an Buccinum Perficum parvum, maculis rufis dense depictum* List. H. C. l. 4. Sect. 11. Tab. 803. Fig. 10.

X 3. *Concha Veneris parva, fulva, circulis albis. an C. V. parva, ventre & lateribus albidis, dorso subflavo, albis majusculis & sphaericis distincto* List. H. C. l. 4. S. 9. Tab. 695. Fig. 42. Buff. Leopard Cowry.

4. *Rhinoceros Lusitan. niger splendens vaginis striatis. an Scarabeus Rhinoceros 3. Alar. Insect. 451. Tab. 2. Fig. 3. id. Fr. 179. col. 1. Tab. p. 178. Fig. 3. The Beetle figured on the Right Hand of the Ceruus volans in Imperator p. 694. seems very much to resemble this. Mr. Joel Jones caught it about Lisbon.*

4754? - 5. *Capricornulus Norwegicus vaginis marmoreatis, antennis brevibus. This and Fig. 9. Mr. Richard Wheeler sent from Norway.*

6. *Scarabeus Capensis pilosus vaginis rubris, plurimis punctulis albis aspersis. This elegant Beetle Mr. Starrenburgh sent me amongst other Cape Insects.*

7. *Phalena plumata permaxima Orientalis oculata* Moll. Petiver. 729. Goliath. Mr. James Cuninghame sent me one caught by Mr. George Thurlow in the Straits of Sunda, & Mr. Hunter Surgeon since his Return from Cherson informs me. S. C.

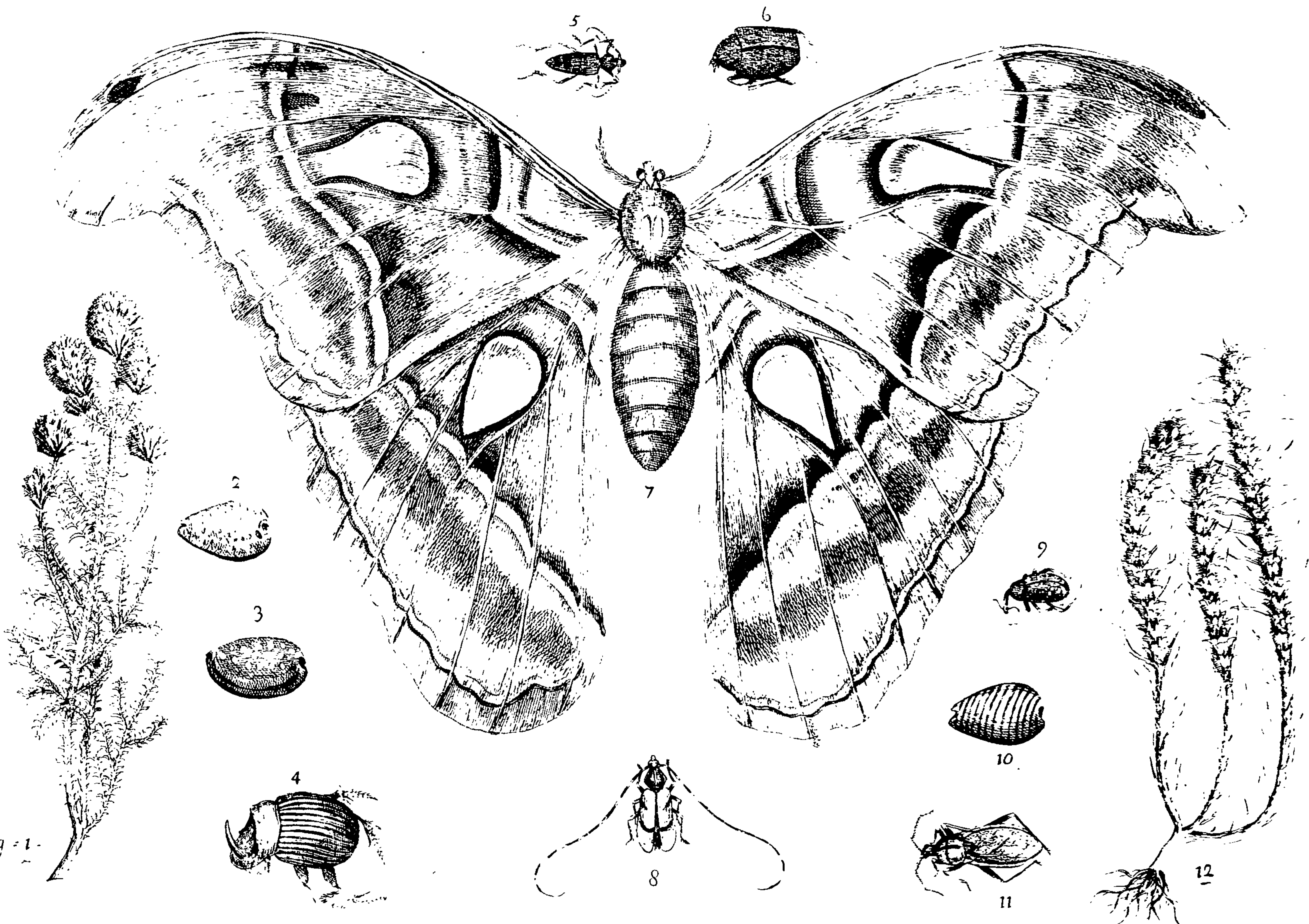
4755? 8. *Capricornus Russicus cinereus, cornibus longissimis. Scarabeus 7 ex Russia* Moff. 151. Fig. id. Angl. 1007. Fig. and 1008 Descr. Dr. Godfried Klem one of the Czar's Physicians sent me this from Muscow: The same was also found by Mr. Handley a Neighbour in his own Garden here in London.

9. *Curculio Norwegicus niger, signaturis flavescens aspersis.*

X 10. *Perficula lineis croceis circumdata. an Buccinum Perficum parvum, fasciis rufis dense depictum* List. H. C. l. 4. Sect. 11. Tab. 803. Fig. 9? This has Lines instead of Specks, in which it differs from Fig. 2. above.

1693. - 11 *Cimex succinatus pedibus alisque nigerrimis. I am not certain from whence I received this, perhaps from the Cape.*

X 12. *Filago Capensis minor spicata. This has the Face of our English Cudweed but much less.*



To Dr. Tancred Robinson Fellow of the College of Physicians
and Royal Society, this Table is humbly dedicated by J. Petiver.

GAZOPHYLACII NATURÆ & ARTIS, Tab. 9.

5191. — Fig. 1. **T**estudinulus Philippensis luteus, nigro maculatus. The Luzone Turtle-Lady, I thus call it to distinguish it from Fig. 3. in the next Table.

2. 3. Aurelia & Erucago Ejsdem. These are after the Designs the Reverend Father George Joseph Camel lately sent me from Manilia.

X 4. Buccinulum dentatum Mediterraneum, striis fasciatis maculatum. an Buccinum dentatum parvum, leviter striatum variegatum ventriosum List. H. C. l. 4. Sect. 11. Tab. 823. Fig. 42?

496. — 5. Papilio Angolensis ex pullo alboque mixtus. Brought from Angola by Mr. John Kirckwood Surgeon.

6. Alga tubulosa albida navibus adhærens. This I found plentifully growing to a Ships side in the River Thames.

X 7. Concha Veneris minor, maculata & oculata. nobis. C. V. parva, latiuscula, paululum gibbosa, ventre maculoso dorso, fusco & albis innumeris & paucis nigris puncturis depicto List. H. C. l. 4. S. 9. Tab. 696. Fig. 43.

8. Cato Simius volans Cameli. The Flying Cat-Monkey. See its Description in the Philosophical Transactions No. 277. p. 1065. 1. This strange Animal is found in the Philippine Isles, and its usual Abode there is on Trees.

9. Balanus compressus albus, sex fissuris sulcatus. nobis. Act. Phil. No. 255. p. 10. This odd Shell Mr. James Cunningham brought me among the rest from the Isle of Ascension.

1372. — 10. Papilio albus Angolensis apicibus miniaceis. Mr. John Kirckwood first brought me this from Angola, it hath since been caught at Wida, by Mr. Watt and Mr. Skeen Surgeons.

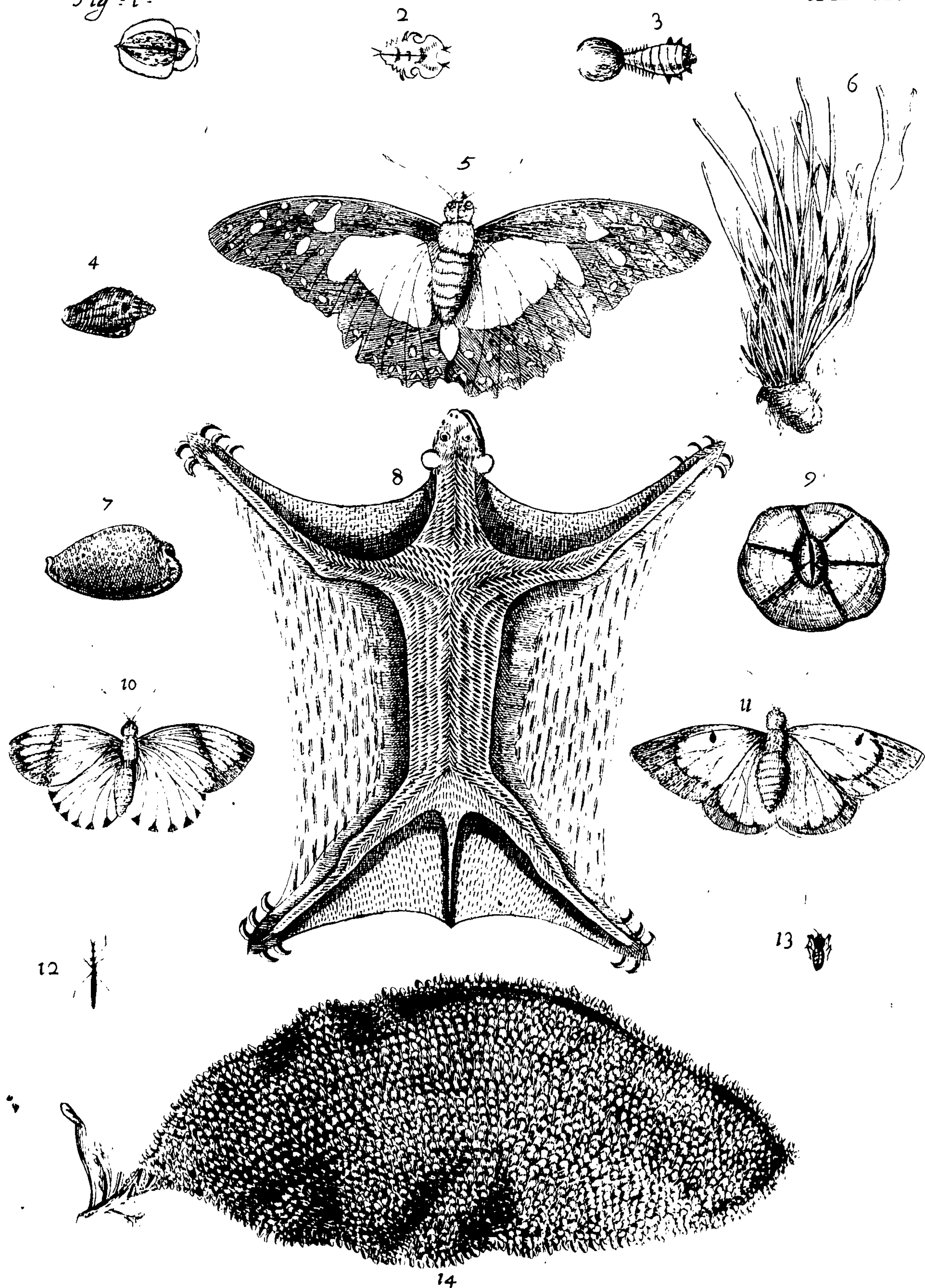
11. Papilio Capensis flavescens versicolor, apicibus nigrescentibus. This singular Fly Mr. John Starrenburgh sent me from the Cape of Good Hope, the ground of its Wings are yellow, varying with a Philamot Blush, if they hold it at a certain Position between you and the Light.

12. Tipula Londinensis angustissima. This I have observed on some Ponds about London: It's much slenderer and less than the common Water-Spider.

13. Tipula Hamstediensis brevior, ex croceo variegata I have as yet met with this only in some Ditches about Bell-lize at Hamstead.

X 14. Alga verrucosa Capensis. My Curious Friend Mr. Starrenburgh sent me this with several other elegant Sea-Productions, which shall be figured in my next Decade.

Vol. 2. Tab. 9. 822.



To Dr. HANS SLOAN, Fellow of the Colledge of Physicians, Secretary of the Royal Society &c. This Plate is humbly Dedicated by JAMES PETIVER F.R.S.

GAZOPHYLACHI NATURÆ & ARTIS Tab. 10.

Fig. 1. **M**elilotus *Suratensis* minimus. Mr. John Heardson, was so kind to send me this amongst other Plants which he collected about Surat.

2. Hemisphæricus *Luzonicus* luteus, nigro insignitus. Here are represented the different changes of this Cow-Lady, after the Designs which Father Camelli sent me.

3. Anguis *CAPENSIS* tricolor. The Back of this is red, the Sides yellow, and the Spots black. I figured this from a Painting Dr. David Krieg F. R. S. sent me from Riga. This Serpent with several other Animals I find amongst some CAPE Paintings, which our worthy Kinsman Dr. Sherard hath lately given me to Figure, several of them I have already done in my next Decade.

945. 4. Scarabeus elasticus major *Americanus*, capite bimaculato *Ast. Phil.* No. 246. p. 396. 13. & Scarabeus colore griseo, scapulis binis quasi oculis nigris, mollitie pubescentibus notatus *Ast. Phil.* No. 271. p. 812. 22. The Velvet-eyed Virginia Snap-Beetle, See its Description with Mr. Bannister's Remarks and mine in the Two aforesaid Places.

X 5. Perficodes argentea, maculis nigris.

1371. 6. Papilio Sulphureus, lunulis cæruleis, nigris lituris insignitus. This exactly resembles our English Brimstone Butterfly *Mus. nost.* No. 1. were it not for those black Spots, and apparent blue Moons in the lower Wings. This is the only one I have yet seen.

X 7. Coccothraustus *CAPENSIS* ruber, rostro hiante, è *Picturis* D. Krieg. The Cape-Cardinal. This in Colour and Shape very much resembles the Virginia Red-Bird or Nightingale, in Mr. Ray of Birds p. 245. Tab. 44. Fig. 2. But what is peculiar to this is its cleft Bill. My Kind Friend Mr. Rance Surgeon tells me he hath frequently seen this Bird at the Cape where it's called the CARDINAL.

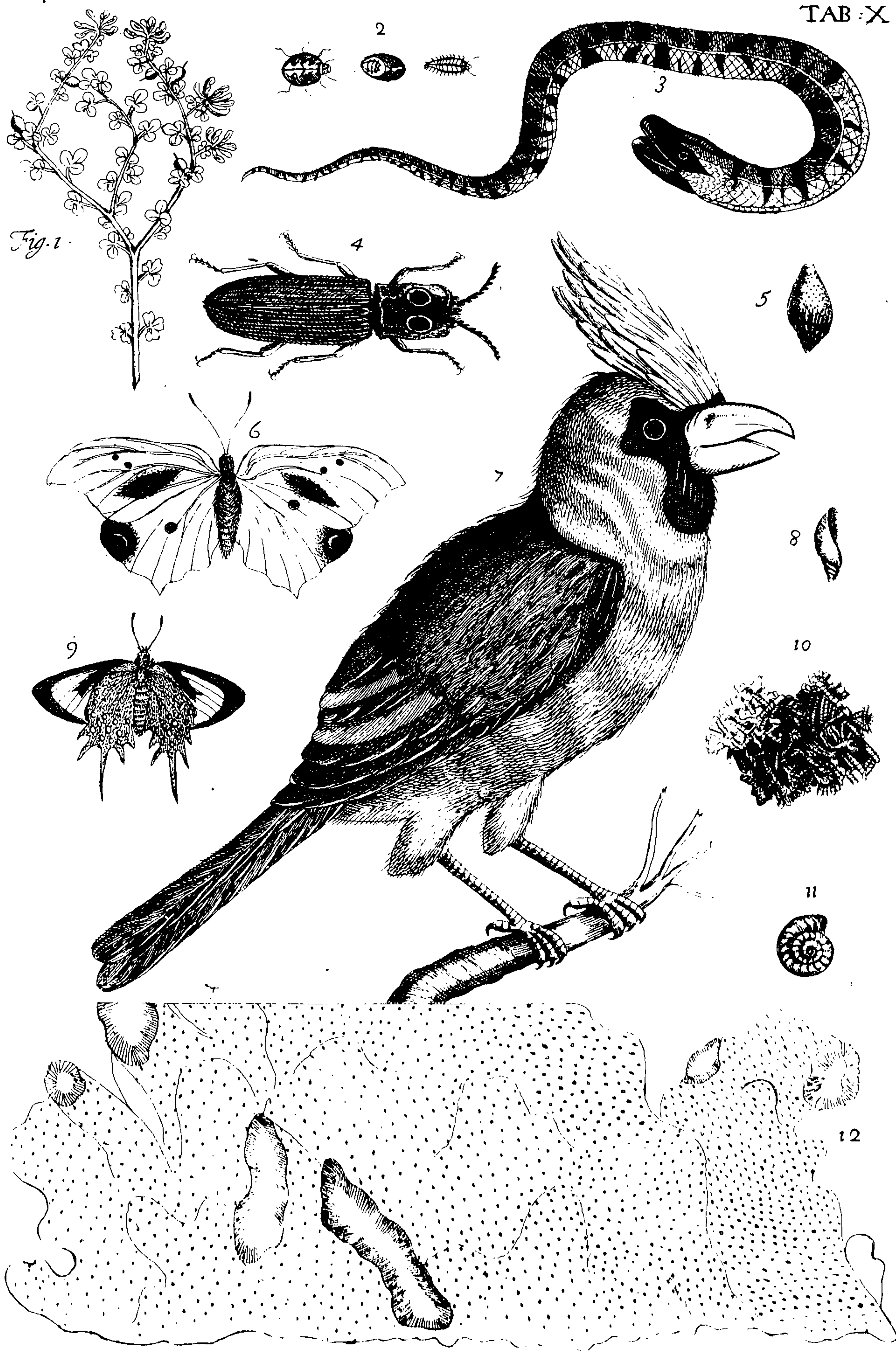
X 8. Buccinulum fluviatile heterostrophon. I have met with these in some Ponds and Ditches about London.

1376. X 9. Papilio Swinamenfis caudatus minor, verruculis ex auro argenteis, subtus eleganter aspersis. This very beautiful Butterfly with Fig. 6. my late worthy Friend Mr. William Charlton gave me to Figure a little before his Death: I have lately received it with 3 or 4 other Surinam Flies, which were altogether new to me, from Dr. Frederick Ruysch Physician and Botanist at Amsterdam.

10. Mulsus Scoticus Corallio incrustatus. Got in a fresh River near Clacmannan on Forth within a few Miles of Stirling; procur'd me thence by my Curious and Worthy Friend Mr. James Hamilton Surgeon in Edinburgh.

X 11. Uloborus minor fluviatilis acie acutâ. Cochlea fusca limbo circumscripta *L. H. C.* 1. 2. Tab. 139. Fig. 42. Cochlea fusca altera parte, planior & limbo insignita, 4 spiratum *L. A. Angl. Hist.* p. 145. Fig. 27. I have observed this in the slow running Waters beyond Westminster, and in several little Rivers about London.

X 12. Coralloides Philippensis cærulea punctata. Observed in the Philippine Isles, by that Curious Person George Joseph Comer, who lately sent me a Draught of this, and I suddenly expell from me any other Rarities in Nature.



To Mr. John Owen this Table is humbly Dedicated by James
Petiver F. R. S.

GAZOPHYLACII
NATURÆ & ARTIS
DECAS SECUNDA:

In quâ ANIMALIA, FOSSILIA, PLANTÆ,
Omniaque Rariora ARTE producta

DESCRIPTIONIBUS brevib⁹, & ICONIBUS illustrantur.

A JACOBO PETIVER, Pharmacop. LONDINENS.
& REGIÆ SOCIETATIS Socio.

GAZOPHYLACII NATURÆ
& ARTIS, TAB XI.

FIG. 1. Lichen MADRASPATANUS *Algoides*, marginibus verrucosis.
2. *Luffa* MALABARICA reticulata, fructu decorticato. *This is the peel'd or decorticated Fruit of the PICINNA Hort. Malabar. Vol. 8. Tab. 7. pag. 13. I have given the Synonyms and Vertues of it in the Philosophical Transactions, N° 277. p. 1061. pl. 239. My worthy Friend Mr. Edward Bulkley, Surgeon at Fort St. George, procured me this from Persia.*

× 3. *Cochlea* oblonga striis flavicantibus nigris.

4. *Nerita* BARDADENSIS instar plumæ eleganter maculata. *This is a very beautiful Shell, and varies much in Colour and Spots.*

× 5. *Buccinulum* MADARASPATAN. edentulum, è nigro alboque fasciatum.

× 6. *Plan-orbis* pulchre undata, ventre elato albido. *an Trochilus planus subfuscus opere quodam vermiculato, ex toto depictus List. Hist. Conchyl. lib. 4. Sect. 8. Tab. 651. Fig. 48. Given me by my Curious Friend Dr. Robert Gray.*

7. *Myrtus* GUINEENSIS *Epimespili* folio.

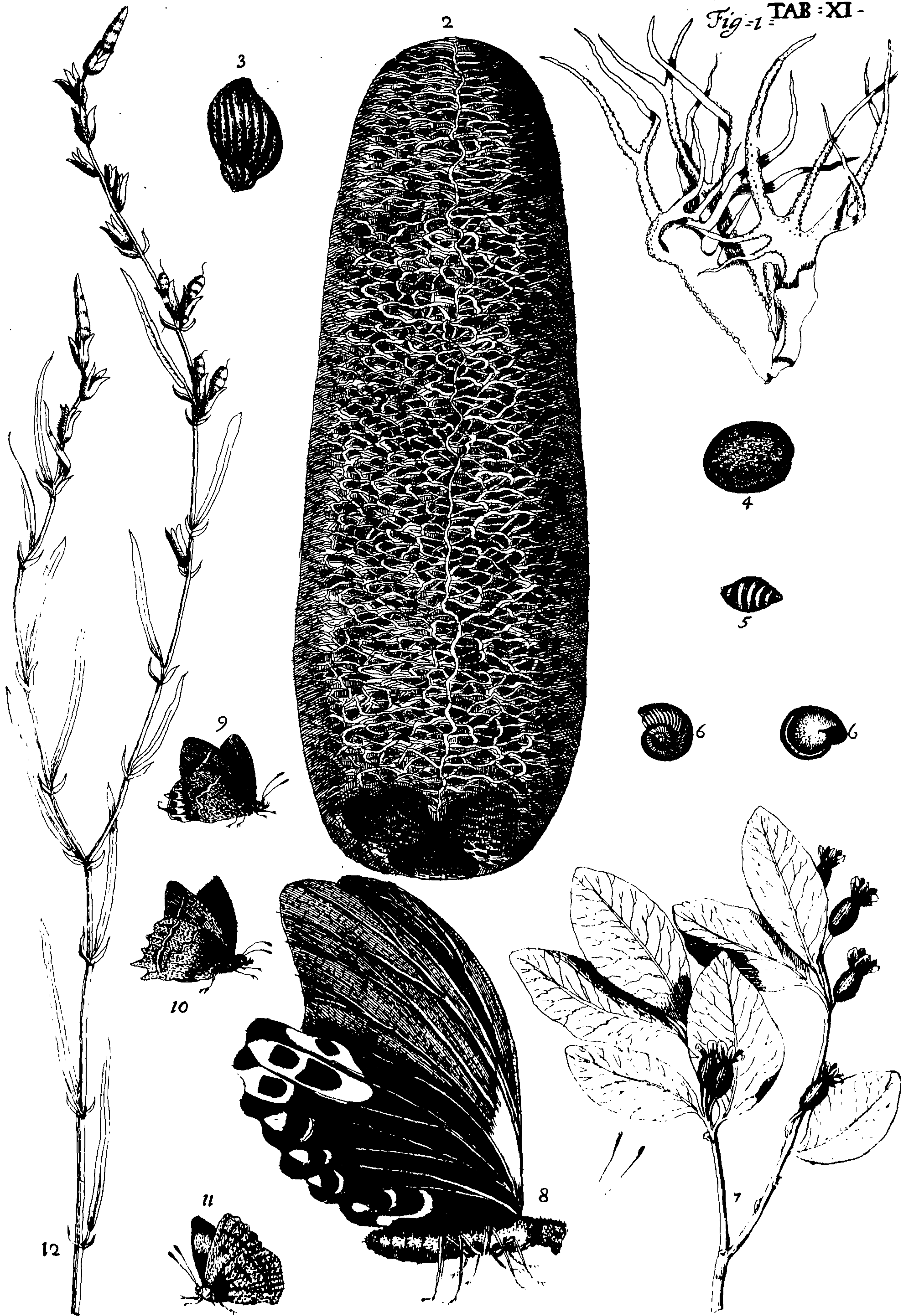
8. *Papilio* Luzonicus maximus nigrescens, maculis coccineis subtus perbelle notatus S. B. 6. 6. seu *Act. Philosoph. N° 277. p. 1066. 6. where you may see it described. This is a large and very beautiful Insect, and is distinguished from others by its deep Scarlet spots which in the Figure are express'd in White.*

1431. 1432 VII. A. 9. *Papilio* minor fuscus, subtus striatus. *The Hair-Streak. This being brown both above and below, perhaps differs only in Sex from Mr. Rays Purple-Streak Mus. nostr. 319. which is purple above and much paler than this beneath.*

1432 VII. A. 10. *Papilio* minor fuscus, duplici lineâ inferne præditus, *The brown double Streak. This and the last are very rare Flies, I first saw them in Mr. Sam. Dales Collection of Insects.*

1433 VII. A. 11. *Papilio* minor fuscus, campo aureo, lineâ geminâ subtus ornatus. *An Hoef. Tab. 12. Fig. 1. The Golden brown double Streak. This and the last may be Male and Female. Caught by my Neighbour Mr. Benj. Harris, Aug. 31. 1702. in the Heff near Croydon.*

12. *Ornithopodium* MADRASPAT. *Bupleuri* folio. Mr. Edw. Bulkley sent me this with Fig. 1. and several other Curious Plants, with Shells, Insects, &c. from Fort St. George.



To His Grace HENRY Duke of BEAUFORT, This Table is humbly dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACHI NATURÆ & ARTIS, TAB. XII.

FIG. 1. *Proscarabeoides* CAPENSIS, singularis, pedibus plumosis. This very odd Insect with Fig. XI. I copied from Dr. Sherard's Cape Paintings. The Legs, Head, Shoulder and Sides are of a fleshy colour, the middle of the Back yellow.

A. 2. *Testudinarius* HAMSTEDIENSIS tetramaculatus. I never observed this but once, and that in Cainwood near Hamstead.

3. *Tagetes* CHINENSIS fol. undulatis, fl. duplici, rad. Cordiali. Herb. nost. Chin. Tab. 27. Fig. 3. This is that wonderful Plant which our Curious Friend Mr. James Cuninghame mentions in the Philosophical Transactions N^o 280. pag. 102. and says the Chinese value it from Ten Tael to one or two thousand a single Root according to its bigness: Each Tael is reckoned at about 6 s. 8 d. By drinking its Infusion for some time they assert it prolongs Life, and turns Grey Hairs into Black. An odd Tradition of its first Discovery is related in the aforesaid Transactions, to which I refer you.

X 4. *Auris* INDICA non perforata.

5. *Bombylus* LUSITAN. è nigro cœrulescente. Mr. Jez-reel Jones brought me this amongst many other Curious INSECTS which he had observed about Lisbon.

6. *Scarabeus* impennis rotundior CAPENSIS.

X 7. *Concha Veneris* parva, undata, apicibus purpureis bima-
culata.

8. *Papilio* SURINAMENSIS ex aurantio nigro luteoque mixtus. I first received this from Dr. Ruysch, and since from Minheer Levinus Vincent, two very curious Persons at Amsterdam.

9. *Accipitrina* LIVORNICA perbelle striata. I first received this from Legorn, since which my kind and worthy Friend Mr. Jez. Jones brought it me from Lisbon, he caught it flying about a Candle in October 1698. its Eyes, whilst alive, are like Rubies. It frequents the *Jasmin* Flowers.

10. *Papilio* è fusco & albo eleganter mixto, à Promontorio Tricuspidato. Caught at Capè-tres puntas on the Coast of Guinea by Mr. Skeen, Surgeon.

11. *Aranæoides* CAPENSIS fasciata, lutescens, pedibus è nigro maculatis. The Body whitish, but the swathes about it, and the Legs yellow, the last spotted with black.

12. *Grus* CAPENSIS caudâ cristatâ. The Bill of this beautiful Crane is partly yellow, his Crest and Eye-lids Red, that part of his Head above and below his Eyes blue, as are the edges of the Feathers on his Body, the rest White, the Feathers of his Tail, (if rightly painted) are alternately Red and Blue.

Fig. 1.

ТАВ. XII.

4 x

12

To Mr. ROBERT ANTROBUS of Peter-House in CAM-
BRIDGE, This Table is humbly Dedicated by JAMES
PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XIII.

1571.7

FIG. 1. *Papilio JAMAICENSIS* è fusco lutescente, sub-
tus virefcens croceo mixtus, NOBIS. Baker *Insect.*
Tab. 1. Fig. 8. Dorf.

2. *Scorpio JAVANICUS* major pilosus, è nigro cæ-
rulefcente splendens, NOBIS. *Scorp. Zeylanicus* niger maxi-
mus *Mus. Sibbald.* Sc. 116. *Indicus* niger, magnitudine Can-
crum fluviale æquans *Mus. Leyd.* 144. id. min. 56. *Gho-*
nissa Zeylon: an S. è *Barbaria* *Moff.* 205. Fig. 204. & ap-
pend. p. 330. ad cap. 10. id. A. 1049. an Sc. de *Tunisi* *Mus.*
Cospiari.

The accurate Swammerdam in his *Curious History of Insects*
edit. Lat. p. 147. Tab. 6. gives a Figure of one somewhat like
this, but bigger, and seems particularly to differ in having but
three joints in the Tail, and ours five or six as the lesser have.

Boncius in his *Hist. Natur. & Medic. lib. 5. cap. 4. p. 56.*
seems to mention this, where he says *Scorpiones quoque co-*
pulos & grandes fert hæc India (i. e. *Java*) *vidi enim qui*
partem quartam ulnæ implerent, coloris è nigro cyanei &
iplendefcente, which Shining and Colour this has.

Mr. Charlton, that late most Curious Preserver of all Natural
and Artificial Rarities, was pleased to give me this amongst
other Curiosities, since which Mr. Luikley hath sent me them from
Fort St. George, and Mr. Ed. Batar from the Coast of
Guinea.

3. *Scolopendria CAPENSIS* major lutescens, caudâ
longiore.

4. *Lichen viridis foliis densè stipatis, extremitatibus bifi-*
dis vel trifidis. Observed about Tunbridge.

915

5. *Scarabæus ALEPENSIS* pilosus viridis, lineis albi-
cantibus punctatis. Brought me from Scanderoon by
Mr. Sam. Daniel, Surgeon, who caught it Apr. 28. 1690.

1026

6. *Scarabæus GALLICUS* è nigro croceoque mixtus,
f. *Cruciatu* minor. This Dr. David Kriegh observed about
Paris.

3556.7

7. *Locusta-Talpa CAPENSIS* pedibus longis. This comes
next of Kind to our *Gryllo-Talpa*, or Mole Cricket. but its
Feet are longer, and the Body partakes more of a naked Locust,
or large Grasshopper. Its painted with a mixture of Ash and
Dark, or dirty Colour.

8. *Tellina MADRASPATANA* fasciata & undata. an
Tellina latior fasciata & undata quadam pictura conspicua
List. H. C. l. 3. Tab. 378. Fig. 221.

A. 9. *Scarabeolus niger* nostras supra aquam velociter
circumnatans. The Water-Flea.

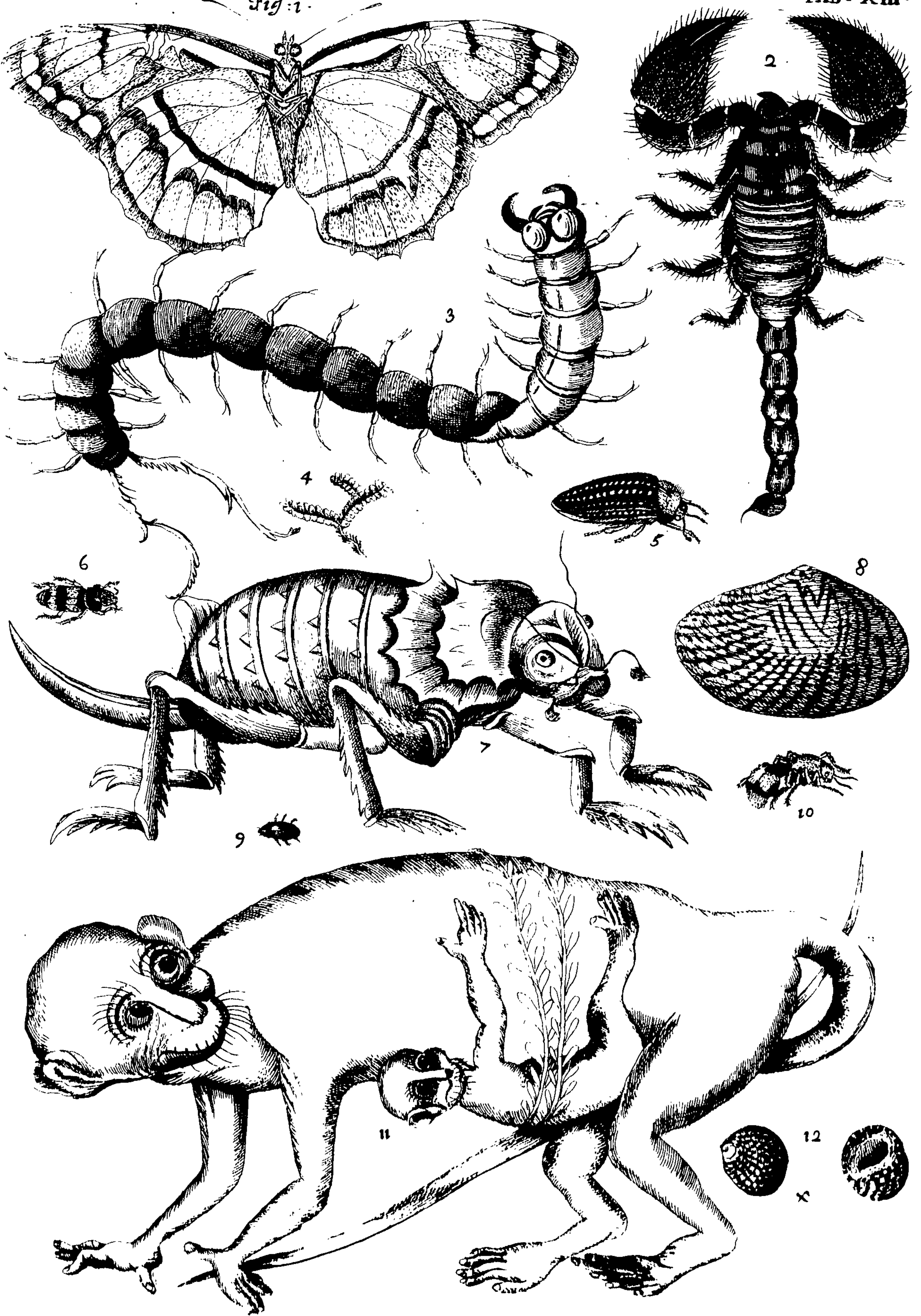
I observe this very common all Summer in most Ditches and
grassie Ponds about London; it swims on the surface of the
water very swiftly in quick turnings, and somewhat circular mo-
tions, generally several together.

10. *Vespa VIRGINIANA* impennis ex nigro rubroque
mixta *Ast. Phil. N° 271. p. 305.* This wingless Wasp
I have had from Virginia, Maryland, and Carolina.

11. *Cercopithecus LUZONIS* minimus D. *Camel.*
Magu vel *Booor Indorum.* This feeds on the Prickly Pear,
and other Fruit, it rarely appears in the day time, whence
its thought to be dim-lighted. When it suckles its Young,
it ties it to its Body, as exprest in the Figure, with the
twigs of a twining Plant call'd *Pamago.*

12. *Nerita JAMAICENSIS* ex albo nigroque tessellatus.
an *Nerita profunde sulcatus* ex albo nigroque variegatus
paucis & exiguis dentibus ad columellam, ad rostrum mul-
tis & longa diductis *List. H. C. l. 4. S. 6. Tab. 597. Fig. 9.*
This pretty Shell is frequent on the Shores of Januica and Bar-
badoes.

Fig: 1.



To Mr. JACOB BOEART, Botanick Professor of the Physick
Garden in Oxon, This Table is humbly Dedicated by JAMES
PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS. TAB. XIV.

FIG. 1. *Asplenium PHILIPPENSE*, foliis aduncis, viminibus adnascens. *Polypodium falcatum Cameli*. *Bocallas Indis*. This adheres to Trees by its hoary fibres, as our *Virginia Creeper* does to Walls by its tendrels.

A. 2. *Numisma Inaugurale ANNÆ REGINÆ Magnæ Britanniae*.

4455. A. 3. *Phalena minor nostras fulva*, alis limbo nigro insignitis. I never but once observed this Moth, viz. May 3. 1696. in a Broom-Field by Sir William Hick's Wood, beyond Hackney Marsh.

5122. A. 4. *Musca oblonga nostras nigra*. Found about Hedges in April and May.

5. *Phalena plumata MARIANA*, caudata, virescens, oculata Mus. PETIVER. 733. I first received this elegant Moth from Maryland, and have since seen it from Chusan. The Reverend Dr. Lewis hath also sent it me from Fort St. George.

A. 6. *Lichen arboreus albescens*, segmentis cornigeris, subtus aterrimus. This was first sent me from Norway. I have since observed it about Tunbridge in two or three places.

A. 7. *Cimex niger nostras*, albo maculatus. an *List.* in *Good. app.* Tab. 5. *Scarab.* Angl. Fig. 8? I have met with this in the Spring on sunny Banks.

8. *Lacerta MARIANA undata*, subtus cœrulea. This is a rough scaled Lizard, with blackish waved lists on the Back, and blue on the Chin, and each side of the Belly, sent me from Maryland.

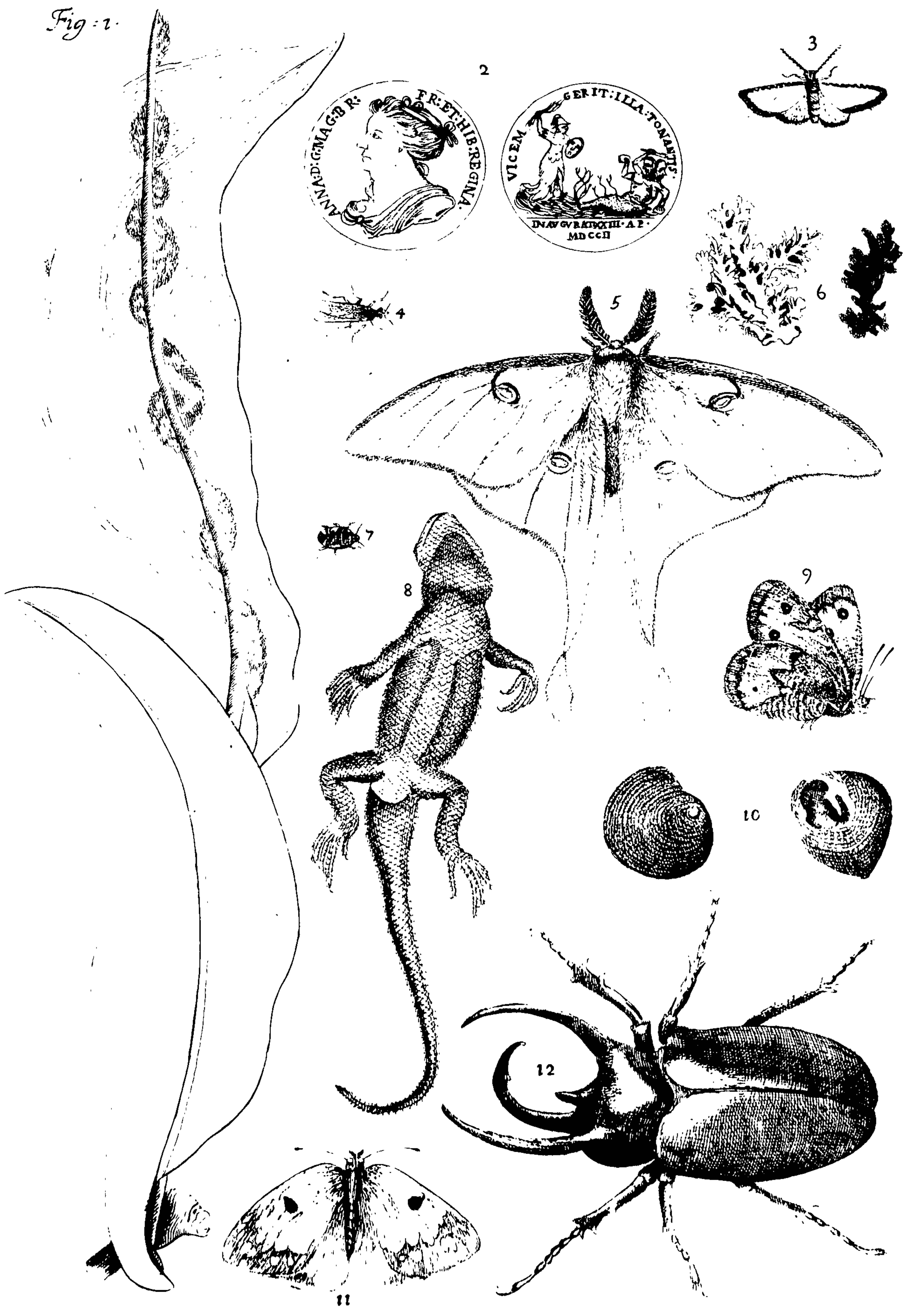
A. 9. *Papilio oculis nigris*, subtus marmoreus Mus. PETIV. 307. The Tunbridge Grayling. Very rare about London.

X 10. *Trochus fasciis verrucosis*, è rubro albo nigroque alternatim perbelle distinctus. an *Trochus dentatus ruber nigris puncturis seriatim distinctus* *List.* H. C. 1. 4. S. 8. Tab. 637. Fig. 25. an *Cochlea Pharaonia Piscatoribus Maris Rubri* Mus. Cospian: Bonon. 141. Fig. magn. p. 222. 3. per *Microscop.* auct. an *Umbilicus varius Rond.* aq. 104. c. 39. Fig. id. Gall. 70. c. 23. *Venus Bugle*.

1337 11 — A. 11. *Papilio croceus*, apicibus nigricantibus. *Papilio* 5. *Moss.* 100. Fig. *Dor. & Lat.* id. A. 968. *Jenst.* Insect. p. 41. Tab. 6. Fig. 5. an *Hoef.* Tab. 9. Fig. 6. The Saffron Butterfly. I have observed this formerly, but 'tis uncommon, and rarely met with.

12. *Buceros max. Rhinocerotis niger*, BORNEACUS. an *Scarabeus Buceros Nasicornis* 1. *Hoang Luzon. Cameli*. This elegant large Beetle, Mr. John Rance Surgeon brought me from the Island of Borneo.

Fig. 1.



To Mr. CHARLES DU BOIS Treasurer of the EAST-INDIA Company, This Table is humbly dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XV.

15- 4-29- **FIG. 1.** Libella MARIANA media compressa, corpore cœrulescente, nubibus latis medio alarum. *This and the next the Reverend Mr. Hugh Jones sent me from MARYLAND.*

2. Libella MARIANA media, corpore flavescente, tribulata. *I take this, and the last to be Male and Female.*

A. 3. Byssus aureus DERBIENSIS humifusus. *This elegant sort of Moss my Hearty Friend, Mr. James Ayrey, found in the Peak of Derby, in a Lane joyning to the Field where the marvellous Stones are, about two Miles from Eldenhole on the way from thence to Buxton-Wells.*

A. 4. Fungellus gramineus NORTHAMTONIENSIS. *Dr. Sloan observed this little Mushroom springing from the Leaves of dead Grass, about September last, on Shepherds-Hill near Althorp, the Seat of the Earl of Sunderland in Northamptonshire.*

X 5. Concha Veneriæ affinis, albus, medio annuloso. *Concha utroque latere se colligens exotica Col. Purp. c. 20. Fig. p. 30. Concha cujus medio velut annulus circumjicitur, List. H. C. l. 4. S. 9. Tab. 711. Fig. 64. an Bonan. 145. Fig. 249. f. p. 162. Fig. 339 ? Common in Jamaica & Barbadoes.*

6. Lacertus GUINEENSIS major, verruculis nigris albisque venuste oblitis. *A harmless and very beautiful Lizard found in Guinea where they call it Pompom: This, with many other Curiosities, was presented me by Mr. Richard Planer Surgeon.*

7. Cicada TURCICA media. *Mr. Sam. Daniel Surgeon, observed this in Chio and the Neighbouring Isles, where they are common on Trees, and frequently singing.*

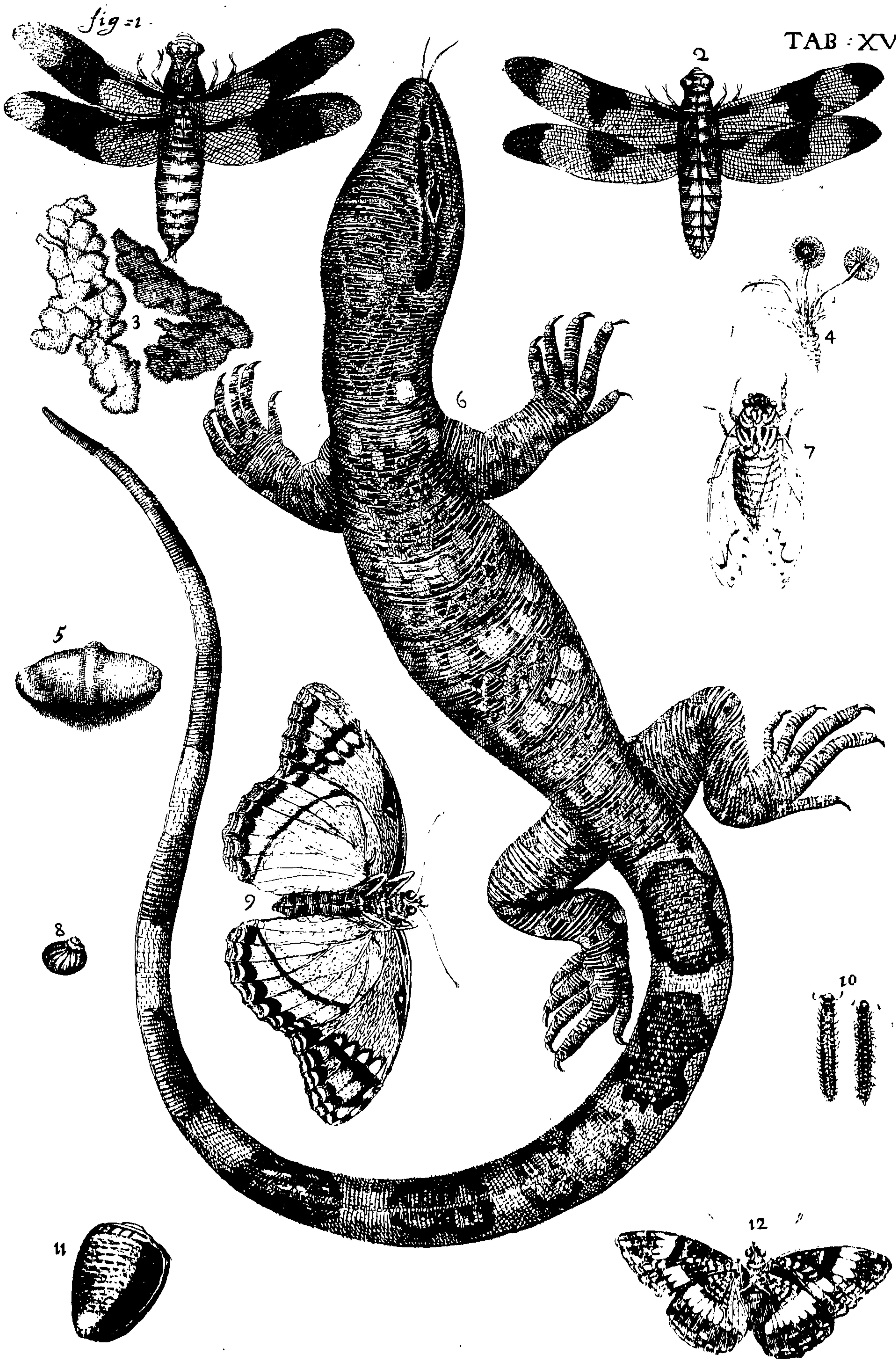
X 8. Nerita JAMAICENSIS alba, parva, striis castaneis. *an Nerita exiguus nigrolineus, ore subcroceo. List. H. C. l. 4. S. 6. Tab. 605. Fig. 31 ? This my Honoured Friend Dr. Sloan was pleased to give me with some other Jamaica Shells.*

1363- 9. Papilio CAROLIN. Aurantiacus, maculis albis, limbis & venis nigris, fasciæque singulari ala inferiori cincta. *The discovery of this elegant Fly is owing to Madam Williams, who caught it in her own Settlement in Carolina.*

A. 10. Scolopendra parva terrestris tardipes, juncturis bipedibus. *I observed this in March 1696. under Moss in the shady places of my Lord Wotton's Grove in Belfse Hamstead.*

X 11. Rhombus fasciis ex albo nigroque catenatis, *an Rhombus cylindro pyramidali, lineis ex rufo alboque interjectis circumscriptus, clavicula paululum exerta List. H. C. l. 4. S. 10. Tab. 763. Fig. 12 ?*

12. Papilio LIVORNICUS supernè nigrescens, inferne aureus, fascia alba utrinque insignitus. *The White Legorn Admiral. Mr. Robert Barklay, Surgeon, brought me this first from Legorn, since which it was caught in London by Mr. Bonavent.*



To Mr. RICHARD DYER, Fellow of ORIEL College in Oxon, This Table is humbly Dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB.XVI.

FIG. 1. Radix VIZIAGAPATANA, fusca, sulcis rhomboidibus Tell: Molle dicta. Mr. Edward Bulkley sent me this odd Root from *Viziagapatan*. It's said to be good against the stinging of Serpents.

A. 2. Gemma Turcica in Hematite sculpta. This was brought from Smyrna and procured me by my kind Friend Mr. Job Mathews. It represents an Old Man reaping Corn.

X 3. Unguis MADRASPAT. fuscus, striatus, subtus rubundus. This figure shews the inside which is of a bluish red, the outside is brown, and finely striated.

A. Tavaracare MALABAR. fl. albo, folio Nerii latiore, NOBIS. Manga fructu venenato, officulo cordiformi, nucleo gemino Raii H. Pl. 1552. c. 20. Odallam Malab. Uro Bram. Hort. Mal. V. 1. Tab. 39. p. 71. Fl. Mal. 192. 1. id. Fol. I cannot believe with Dr. Syen the Commentator of this first Vo-

lumn, that this is the wild or Poyson Mango as he asserts; for had it that deadly quality the experienced Malabars would have found it out, which they take no notice of.

5. Tavaracare MADRASPAT. minor, cortice tenuissimo. This is a smaller sort of Coccus de Maldiva found on the shores of Fort St. George and sent me thence by the Reverend Dr. Lewis. I take this to be the Fruit of the last Tree, the Description of it in the Hort. Malab. cited under Fig. 4. very much agreeing with it. I should be very glad if the Curious would send me a Branch of it, in Leaf and Flower, with the Fruit on it.

✓ A. 6. Stella HIBERNICA echinata. Echinaster seu Stella coriacea pentadactyla echinata D. Lhwyd; an Stella pectinata Rondel aq. 120. c. 12. Fig. 9. This that Curious Naturalist Mr. Edward Lhwyd found near Slego in Ireland, as also at Pensans in Cornwall.

32 ✓ 7. Phalæna Chusan. flava, signaturis nigricantibus. This singular Moth, with several other Insects, my Curious Friend Mr. James Cunninghame sent from Chusan in China.

✓ 8. Stellula HIBERNICA glabra. Asteriscus s. Stella pentadactyla exigua, Canis marini corio utrinque munita E. Lhwyd. For this and several other elegant Species of Sea Stars, I am obliged to my Worthy Friend Mr. Edw. Lhwyd who found this at Bondroo, in the County of Donegal in Ireland.

X 9. Chama MADRASPAT alba, undis castaneis. This the Reverend Dr. Lewis sent me with several other Shells from Fort St. George.

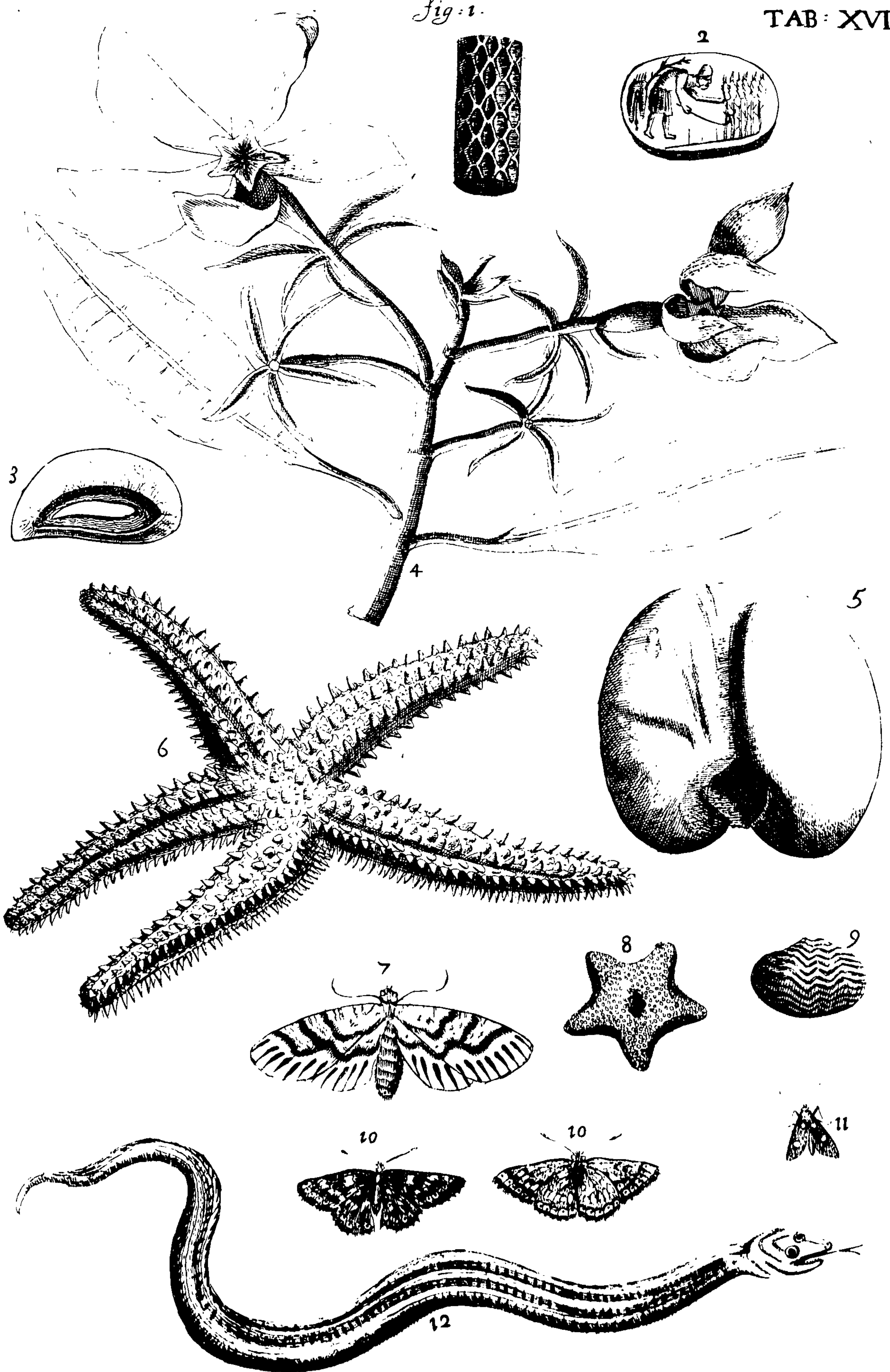
1397. III. ✓ A. 10. Papilio Fritillarius minor. Mus. nost. 324. This hath been caught about Cambridge, but rare about London.

21 ✓ A. 11. Phalæna CANENSIS nigrescens, quatuor albis maculis aspersa. This elegant Moth I have caught in Cane Wood near Hamstead-Heath, but very rarely.

12. Anguis CAPENSIS argenteus maculatus. He seems streak'd with bluish Silver, along which are many small spots. I copied it from a Painting Dr. Sherard was pleas'd to favour me with.

Fig: 1.

TAB: XVI



To MAURICE EMMET, Esq; Fellow of the Royal Society,
This Table is humbly Dedicated by JAMES PETIVER,
F.R.S.

GAZOPHYLACHI NATURÆ & ARTIS, TAB. XVII.

† FIG. 1. *Retrochulus parvus italicus*. an *Cochlea alba umbilicata*, limbo acuto circumdata, claviculâ omnino planâ f. compressâ *List. H. C. 1. 1. Tab. 64. Fig. 62.* This is a small *Trochus reversi*, having its Head flat and Belly raised, given me by Dr. Sherard, who found it about Rome.

2. *Phalena MARIANA argentea minima, nigris maculis aspersis.*

3. *Siliquastrum RIGENSE Linnæi cinerei facie Mus. PETIVER. 843.* This resembles our small Slug, and like it, is whitish below, but brownish above. It was found about Riga.

✕ 4. *Buccinulum PERSICUM olivare. an Buccinum 7 orbium leviter umbilicatum, mediis orbibus paululum tumidis List. H. C. 1. 2. Tab. 108. Fig. 1.* This Dr. Godfreid Klein one of the Czars Physicians procured me from Persia.

5. *Simia-Scurus lanuginosus fuscus, ex JOANNÆ insula. an Cercopithecus Indicus Bugee dictus Raii Synops. Animal. 158.* The Wool of this is brown, soft and curled like that of a Lamb, it has several properties of a Squirrel, sitting often upright when it eats, which generally is done by his Incisores, and reflecting his bushy Tail. This strange Creature is now alive (viz. May 1703.) at Mr. Dottins a Drugsters in Newgatestreet, who had him about 12 months since brought from Joanna. His Delineation was taken by that Celebrated Anatomist Mr. William Cowper.

✕ A. 6. *Cochleola alba fasciata CANTABRIG. umbilico parvo. an Cochlea alba leviter umbilicata, pluribus fasciis circumdata, claviculâ productiore List. H. C. 1. 1. Tab. 59. Fig. 56.* I observed these on New-Market-Heath near Cambridge.

7. *Phalena MARIANA percruciata.*

8. *Phalena MARIANA fulvescens cruciata.* This is a Kind of the last, but the cross here goes not to the edges of the Wings.

✕ A. 9. *Pestunculus minimus lævis, intus argenteus, cardine ferratâ Mus. Petiver 841. Silver Cochle.* Found on our own Coasts.

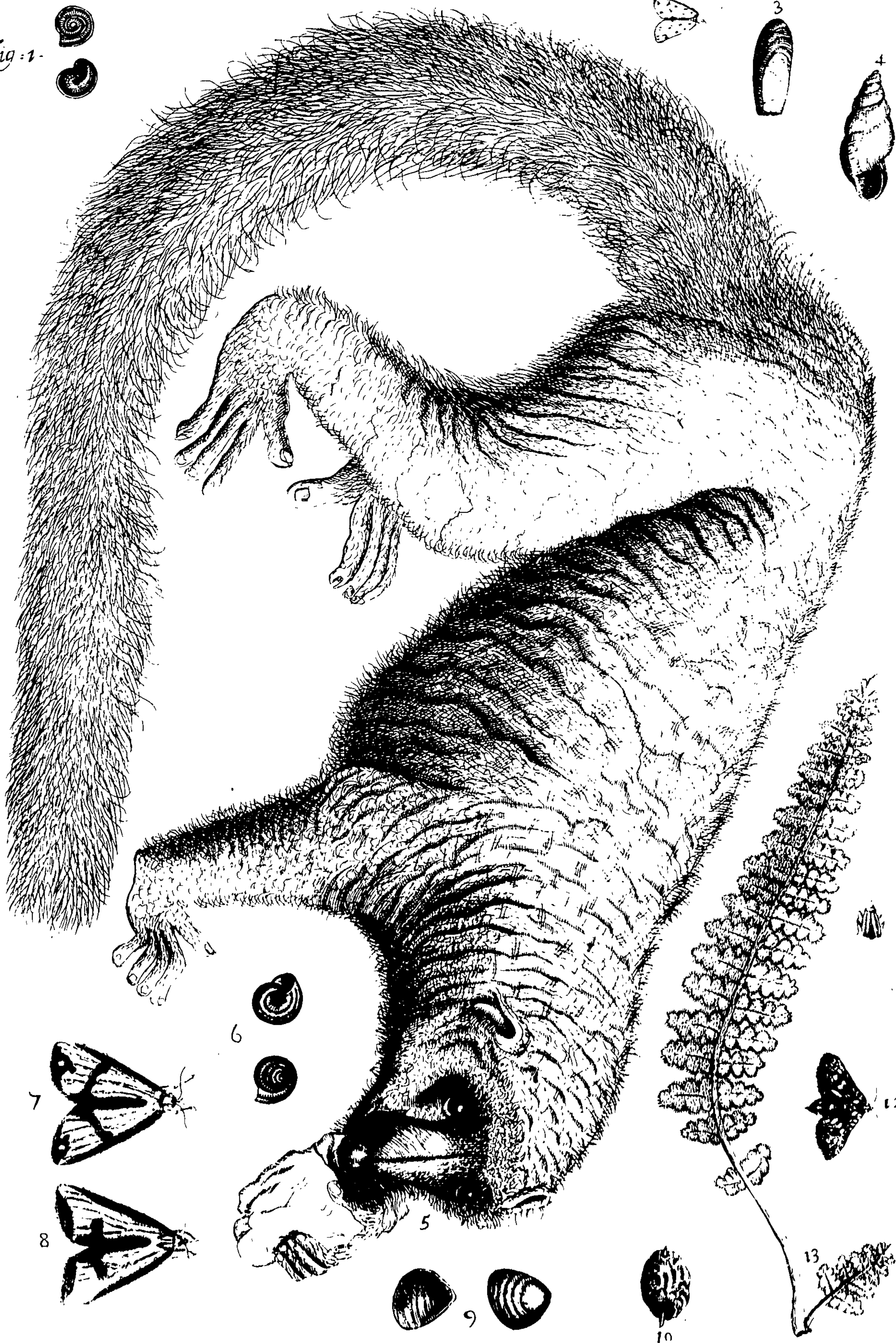
10. *Taggee GUINEENSIBUS, Radix forte Trasi generis.* This seems to be a Root of a sort of Cyperus, has a thin Skin, and eats as pleasant as an Almond: Mr. Rich. Roberts gave me some of these, who brought them from the Gold Coast in Guinea.

11. *Scarabeolus MARIAN. exiguus, vaginis lutescentibus, striis nigris distinctus.* Its Shoulders are yellower than the Sheath Wings, its Horns very fine, long, black, and jointed.

12. *Phalenoidea Apiformis MARIAN. splendore nigrescent. argenteis maculis eleganter aspersis.* This singular Insect, with the last, and Fig. 2. the Reverend Mr. Hugh Jones sent me from Maryland.

13. *Filicula à Gallipoli villosa, Asplenii facie. an Lonchitis aspera Ilvensis Lugd. 1221. Fig. an Lonchitis folio Ceterach C. B. 359. 3.* under which name he hath confounded four if not more Plants together. I am very much obliged to Mr. Baker at Gallipoly for this Plant, who sent it me by the Name of Ceterach, there being some amongst it.

Fig. 1.



To Dr. RICHARD RICHARDSON Physician at North
Bierly in Yorkshire, This Table is humbly dedicated by
 JAMES PETIVER. F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB.XVIII.

✕ FIG. 1. *Buccinum nigrescens*, maculis albis aspersis, ore gibboso purpurascente.

✕ A. 2. *Cochleola fluviatilis*, gyris alte incis. I have observed this in Fresh water, and if I mistake not, in the New River.

1111. 3. *Phalena maxima* CHUSAN. obscure fusca, marginibus eleganter undulatis. This large and elegant Moth, altogether new, Mr. James Cuninghame sent from Chusan.

✕ 4. *Tellina parva radiata*, intus omnino purpurascens. These are pretty common in Rock-work, but I know not where they are found.

✕ A. 5. *Buccinum CORNUBIENSE* è Castaneo & albo fasciatum. Dells Winckle: He first sending it me from the Lands end. Mr. Dandridge hath also observed it about Deal and Dover.

6. *Sidereon* sive *Serpentaria mirabilis montana* Kieg. Phyt. Curios. Fig. 213. Berg-Slangen Kruid Belg. Munt. Herb. p. 751. cap. 330. This very odd Plant is said to grow on the Mountains of Stiria and Hungary. I suspect this Figure is too much humored, and doubted whether there were such a Plant in Nature, until Dr. Sherard, that most accurate Botanist told me he saw a Design of it done by that Laborious Naturalist Conradus Gesner, amongst the Figures of two Volumes of Plants, being such he had observ'd growing about him. These are now in the Hands of Dr. John George Volkamer, Physician at Nuremberg: I shall be very much obliged to him or any other, who will be pleased to send me a Specimen of it.

7. *Cardamomum Luzonicum Coniforme Ticala* dictum. The Reverend Father Cameli sent over the Design of this elegant Plant. Its Description you may suddenly expect to see in the third Volume of Mr. Ray's Universal History of Plants, which is now in the Press.

✕ A. 8. *Cochleola oblonga fluviatilis*. an *Cochlea parva subulva* intra 5 spiras finita List. H. An. Angl. p. 135. Fig. 19. an *Cochlea parva pellucida*, operculo testaceo cochleatoque clausa List. H.C. 12. Tab. 132. Fig. 32. This is no bigger than a small Cherry-stone, oval, and not above half an Inch long, whereas Dr. Lister describes his to be as big as a Horse-Bean, and three or four Inches long. I find this in the Thames and New-River.

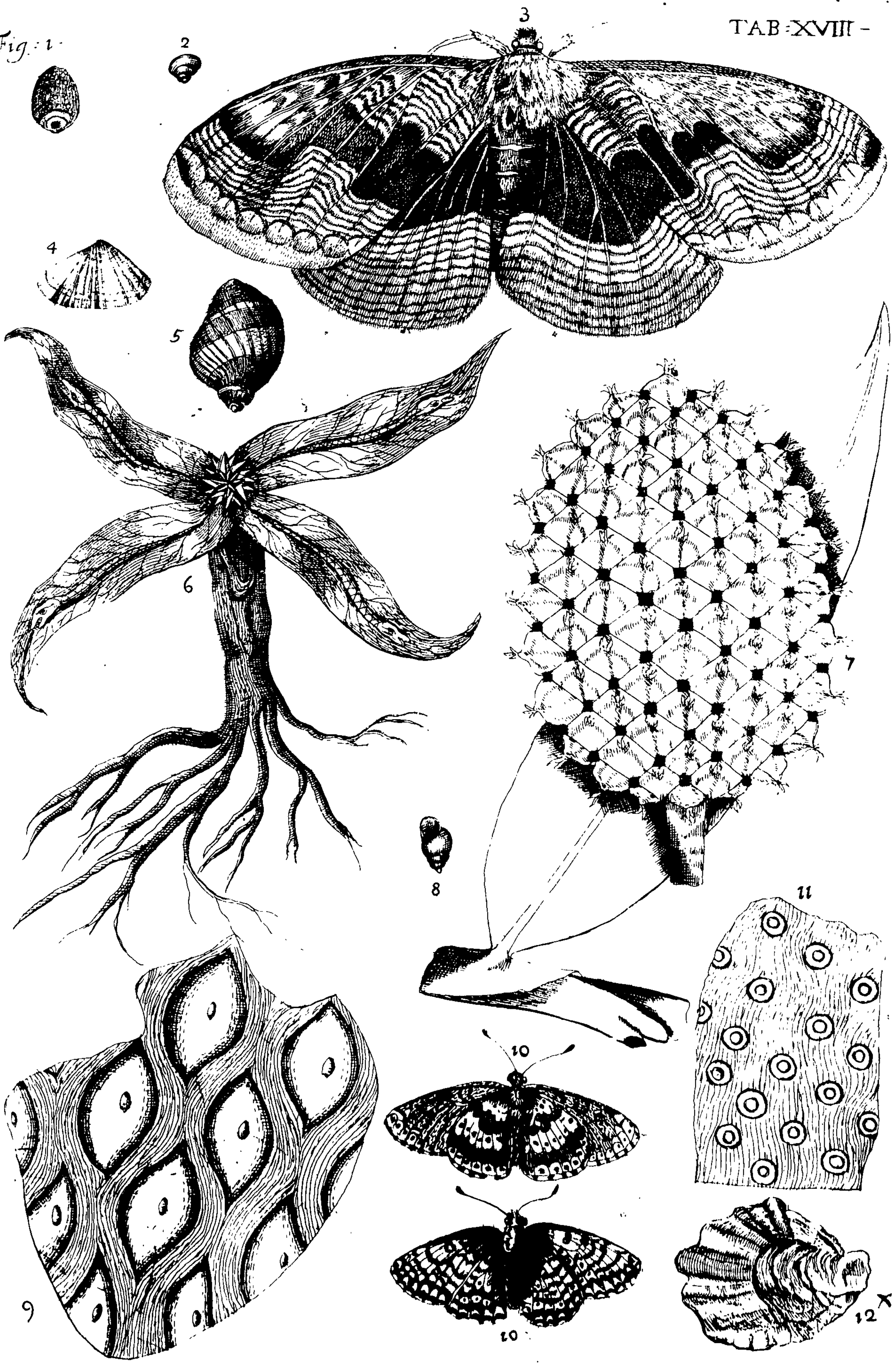
A. 9. *Cylindrus lapideus Byerleus compressior Echini facie*, acetabulis majoribus oblongis, è puteis Carbonariis, R. Richardson. That Curious Naturalist and Physician Dr. Rich. Richardson found this in the Coal Mines belonging to Mr. Will. Pollard near North Byerly in Yorkshire.

1322 1/2 ✕ A. 10. *Papilio LINCOLNIENSIS Fritillaricus*, fasciis subtus pallidis. The Lincolnshire Fritillary. First observed there, and given me by Madam Glanville. The Curious Mr. Dandridge hath lately caught him not far from London.

A. 11. *Cylindrus lapideus Byerleus compressior Echinitæ laticlavii maximi facie*, acetabulis rotundis è puteis Carbonariis R. Richardson. Observed in the same place with Fig. 9.

✕ 12. *Ostrea Ulyssiponensis minor rugosa*. Mr. Fezreel Jones his Lisbon Oyster. First observ'd by him on the shores near that City.

Fig. 1.



To the most Learned Dr. WILLIAM SHERARD, Consul of
SMYRNA, This Table is humbly Dedicated by JAMES
PETIVER. F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XIX.

A. FIG. 1. *Schistus Byerleus impressis reticulatis*. Taken from a Design which Dr. Richardson was pleased to present, with several others, to Dr. Sloan, of such Fossils as he had observed near his own Habitation at North Byerly in Yorkshire.

900. A. 2. *Scarabæus arboreus major Castaneus*. The great Brown-Tree-Chaffer. Goed. 178. Tab. 78. List. in Goed. 265. Fig. 111. id. app. Scarab. Angl. Tab. 1. Fig. 1. an *Scarabæus arboreus* Moff. 160. Fig. id. A. 1014. Gr. V. 1. p. 9. Tab. 4. an Hoef. Tab. 16. Fig. 12. an Aldr. Insect. Tab. 5. Fig. 2. p. 453. id Fr. 178. Jonst. Insect. Tab. 14. The Dorr or Hedge-Chaffer, Mus. Regal. Soc. 168. Very common all the Summer.

A. 3. *Phalæna OCCIDENTAL. fulva, trifasciata*. Given me by Madam Glanvil, and is the only one I have yet seen.

4450. 4. *Phalæna fasciata perelegans, extremitatibus ferratis*. an Goed. 155. Tab. 67. List. in Goed. 81. Fig. 30. id. A. 38. The Furbeloe. I first caught this at Sir Francis Leigh's in Kent. Mr. Antrobus and Madam Glanville have also sent it me.

5. *Sagittaria CHINENSIS foliis ternis longissimis* Herb. nost. Chin. Tab. 12. Fig. 3. Sa heo chaw Indigenis.

6. *Ranunculus globosus CHINENS. fl. pleno Aurantiaco. Witung te hoa*. Herb. nost. Chin. Tab. 18. Fig. 18. This is a beautiful Plant, and would be a fine Ornament in our Gardens.

7. *Calceolus PHILIPPENS. pumila, Plantaginis folio rad. Alexipharmaca*. an Katsula Kelengu Malab. Capura Catari Bram. Hort. Malab. V. XI. Tab. 41. p. 81. Doso aut Dusu Luzonensis, in Samar & Leyte Gozol. Sinæ Samalay & in Jucatan Scabal chau i. e. Reginam Plantarum vocatur. This Sovereign Plant I have figured from a Design of the Reverend G. Jos. Camel, formerly sent to Mr. Ray and me, which he says grows in shady moist places on the dewy Mountains of Silan.

8. *Arbor MANILENSIS Juglandis folio pentapetala, cortice Emetico. Mananangtang* Indigenis or Jail-deliverer, aliis Tambal seu Medicina de Carigara, ubi abundat. A Dram of the innermost or third Bark of this Tree, is given in powder as a very successful Vomit in Fevers, ill Habits, and the Dropsie: it also expels Poison, and brings away Worms. I received this from the same hand, with the last, it grows plentifully in many places of the Philippines.

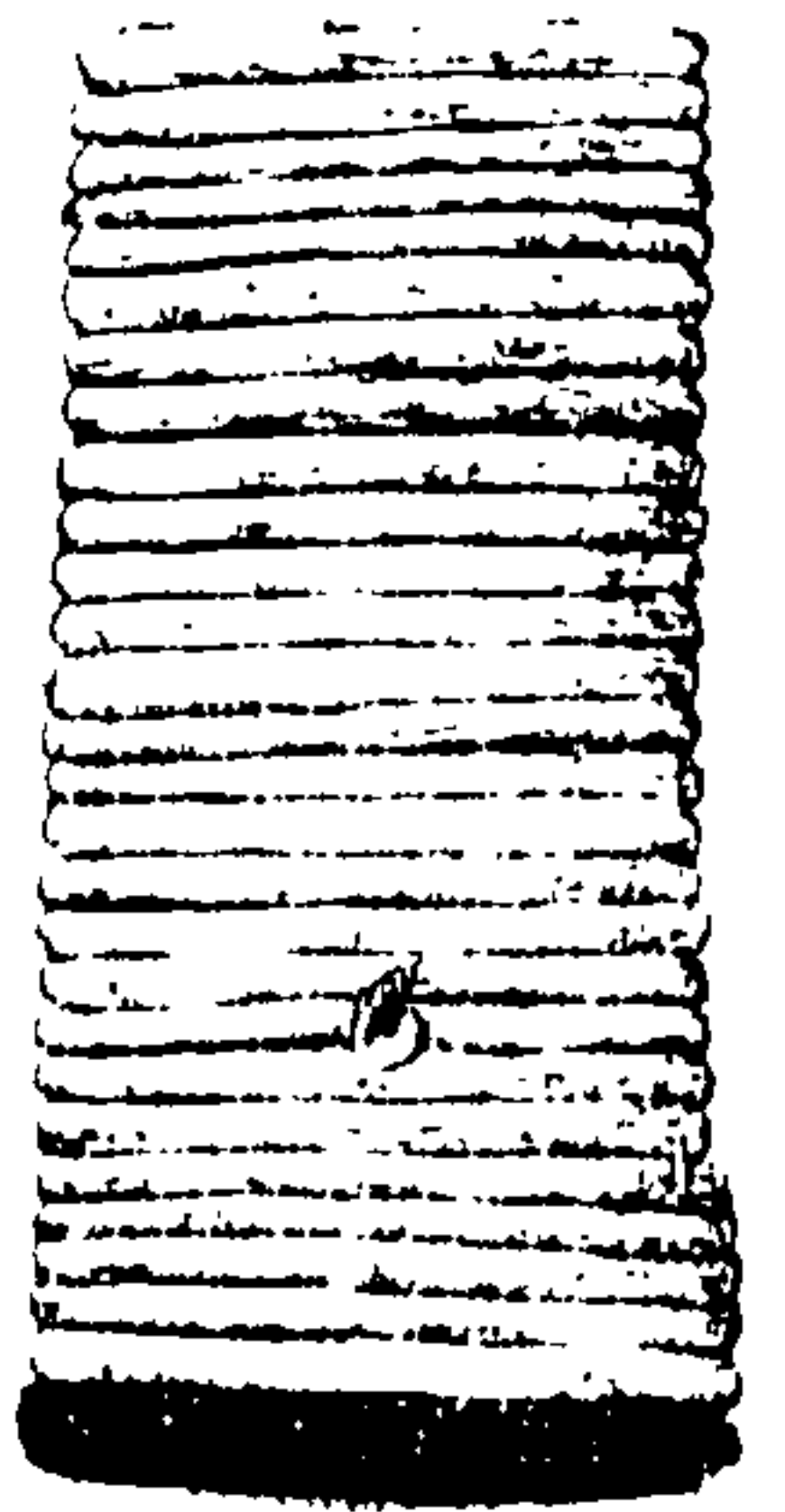
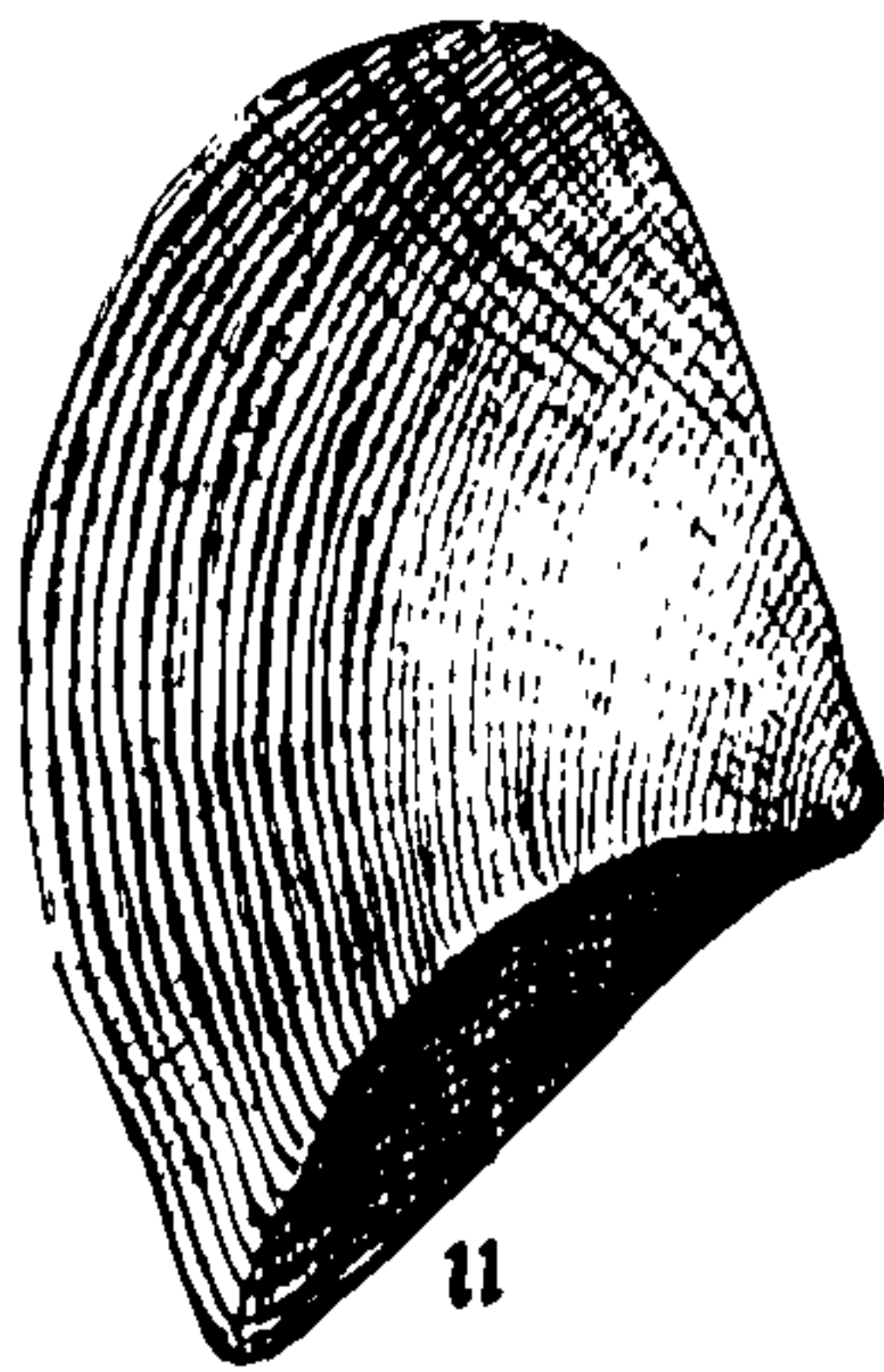
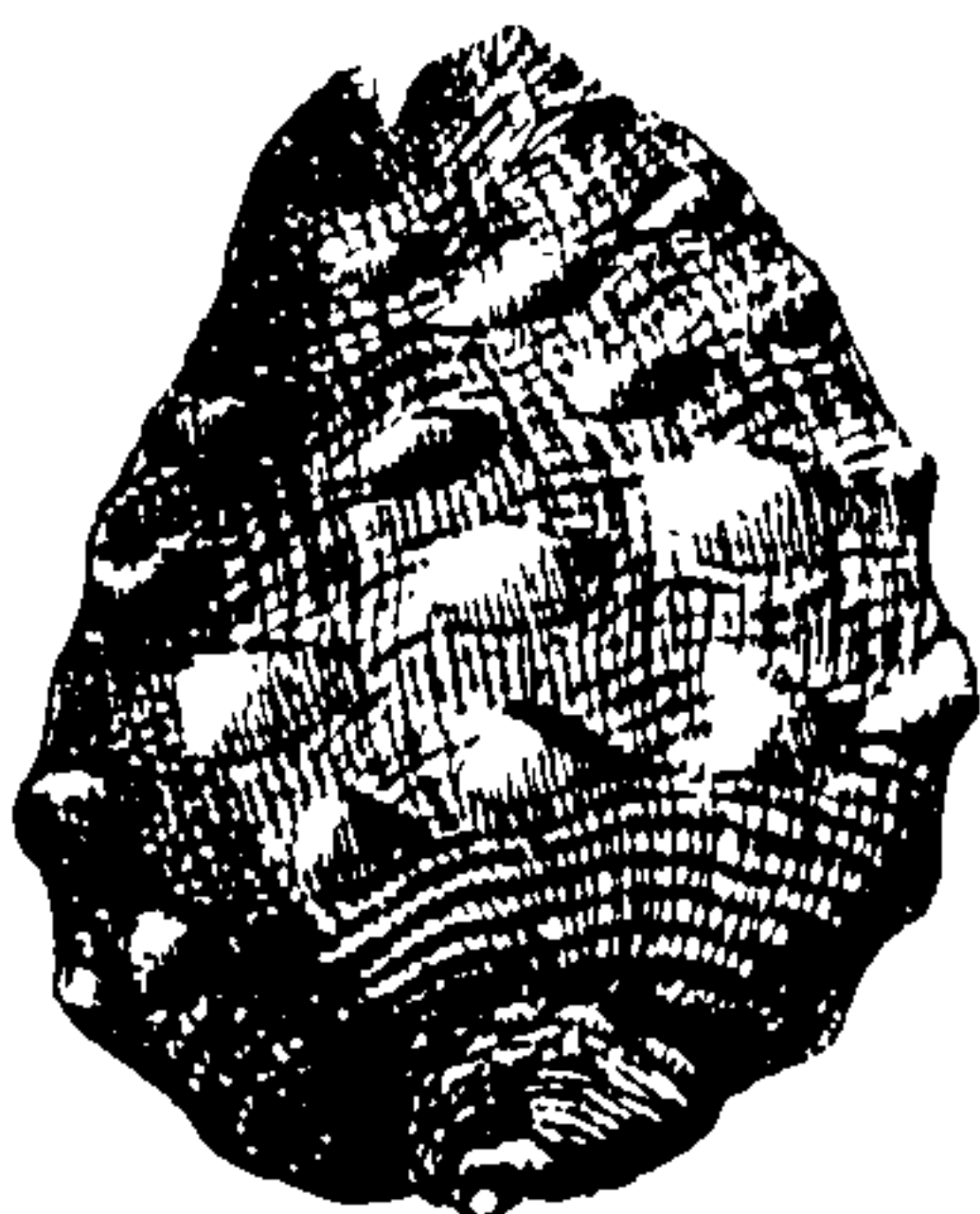
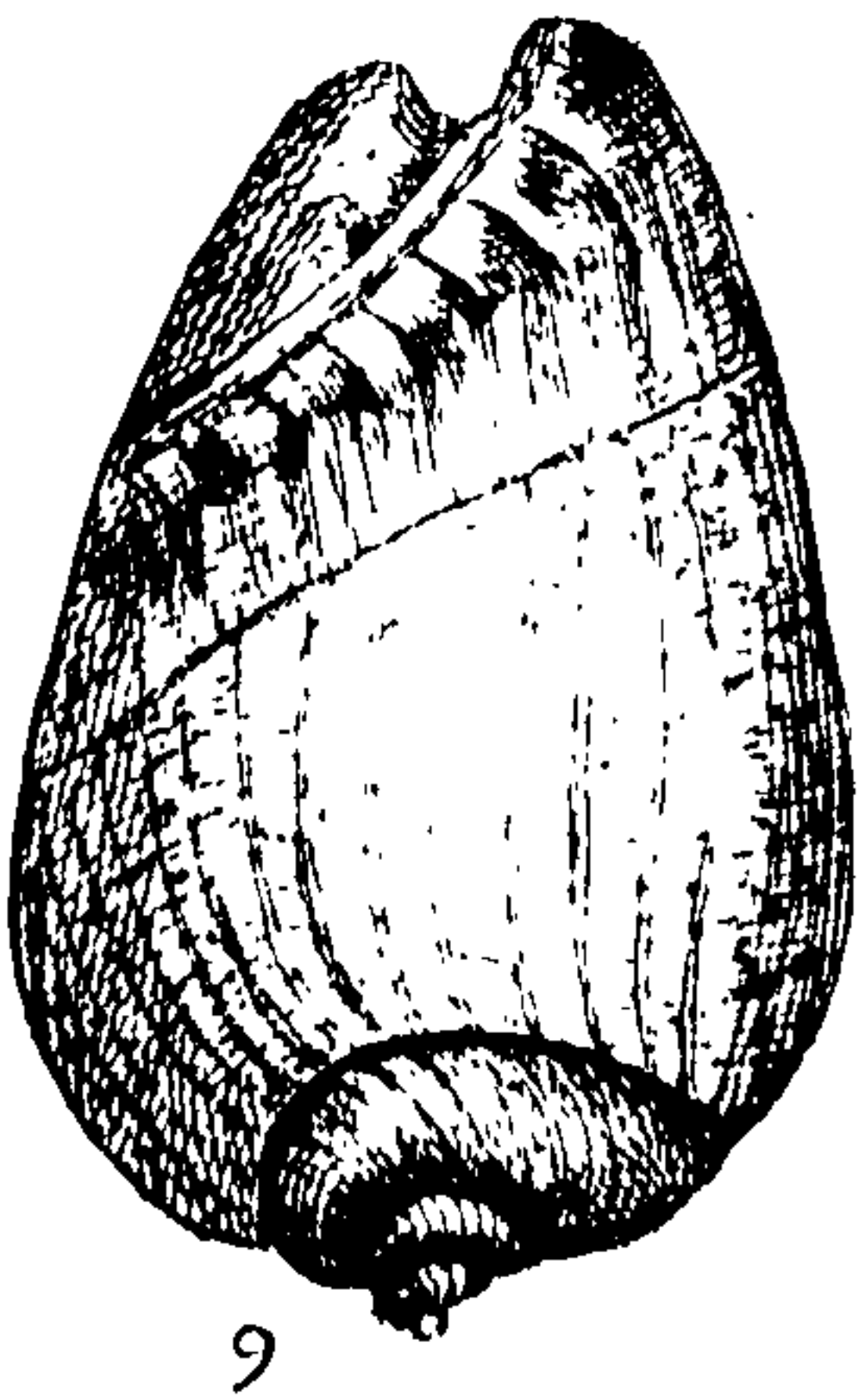
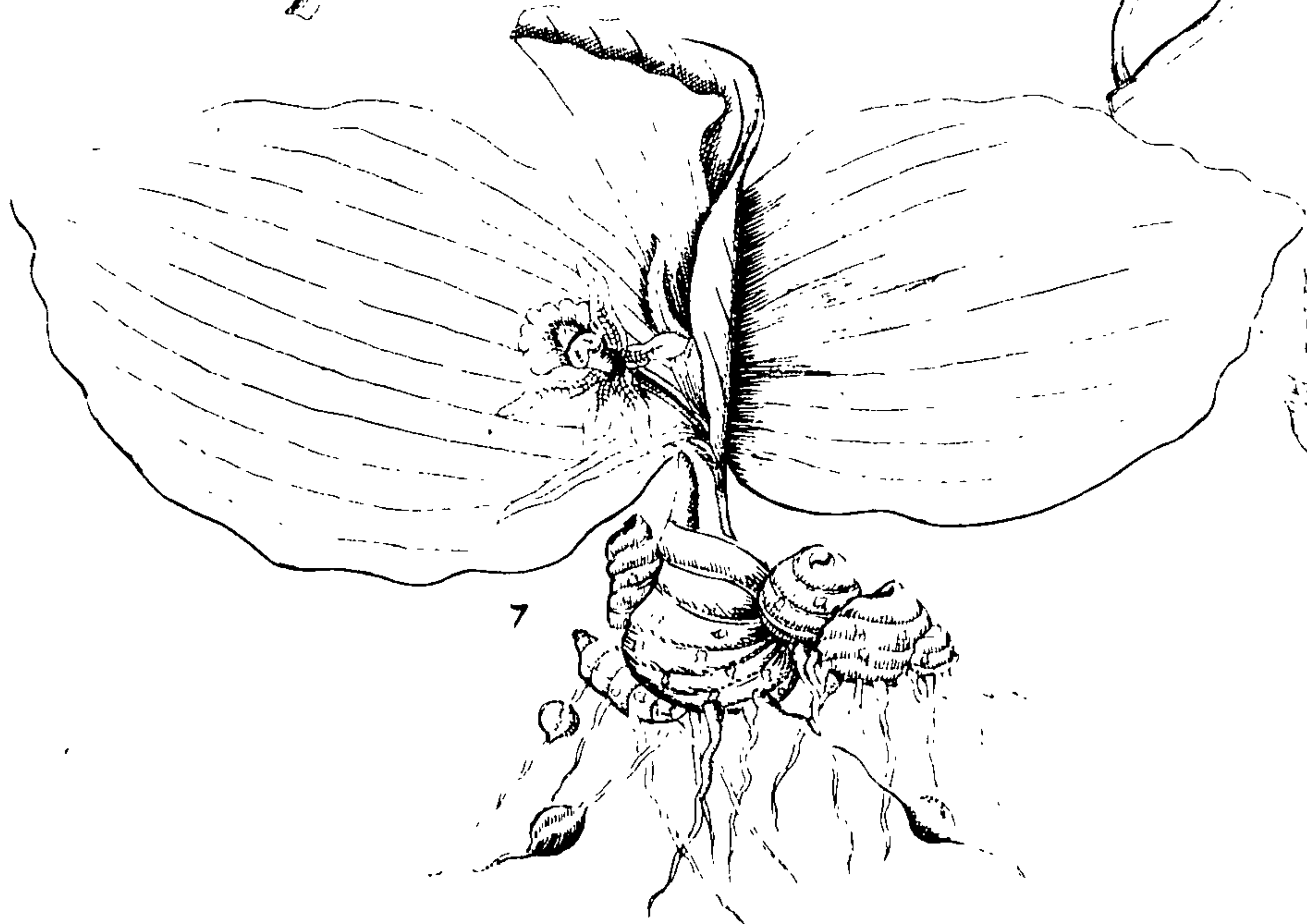
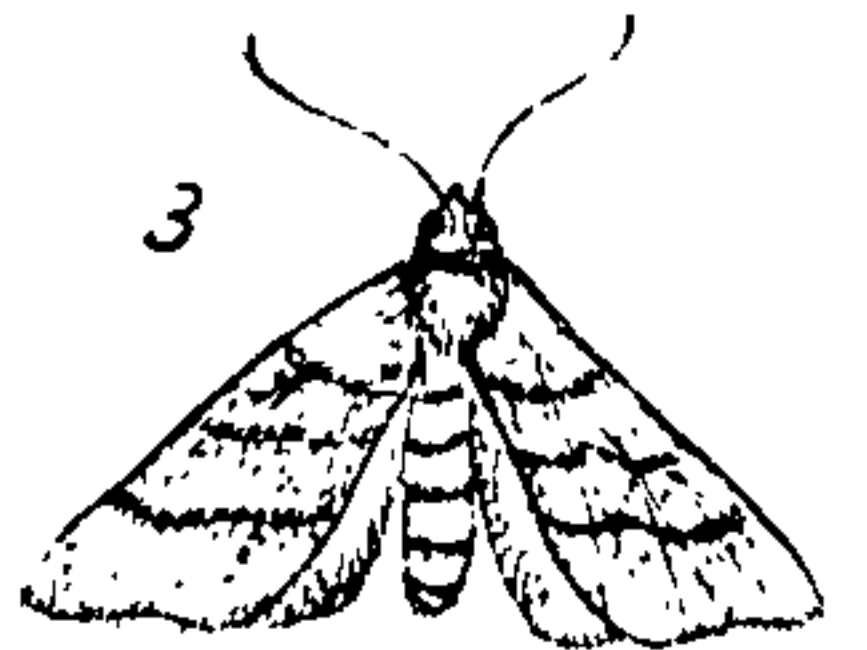
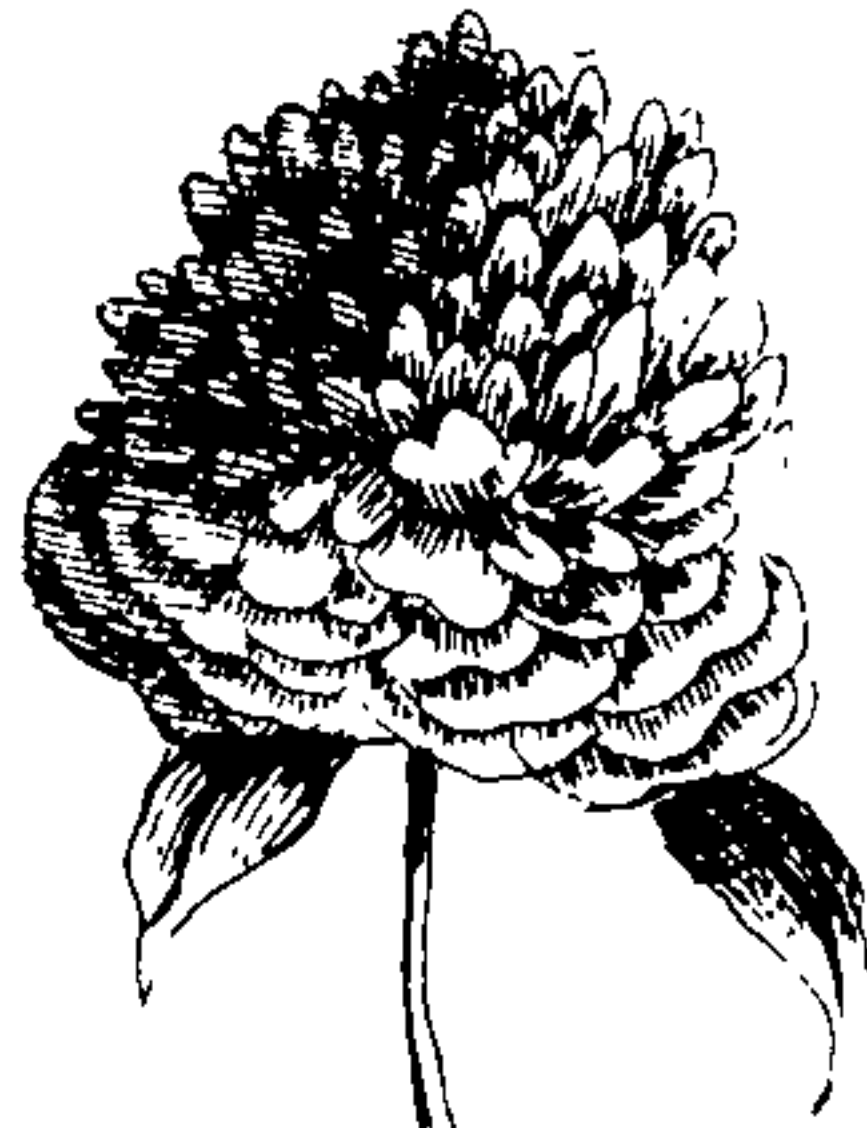
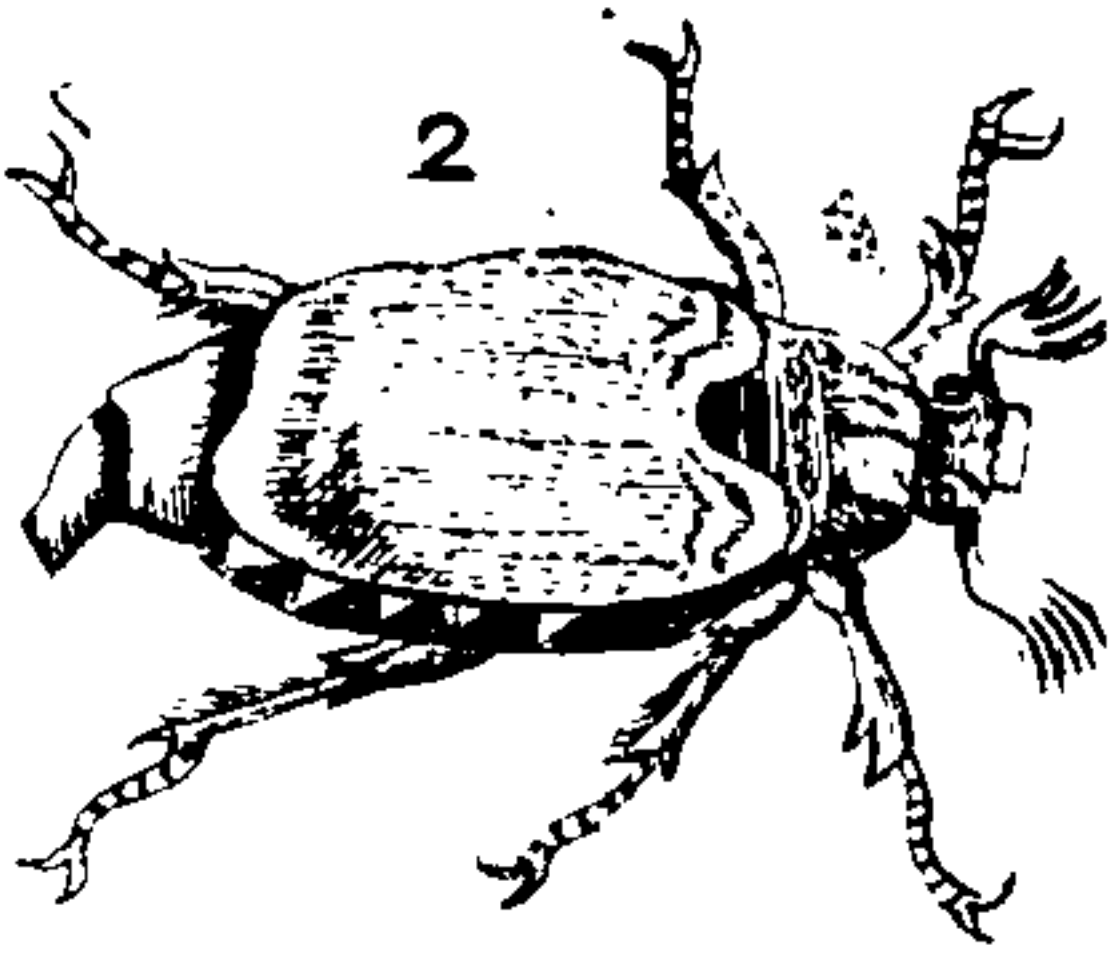
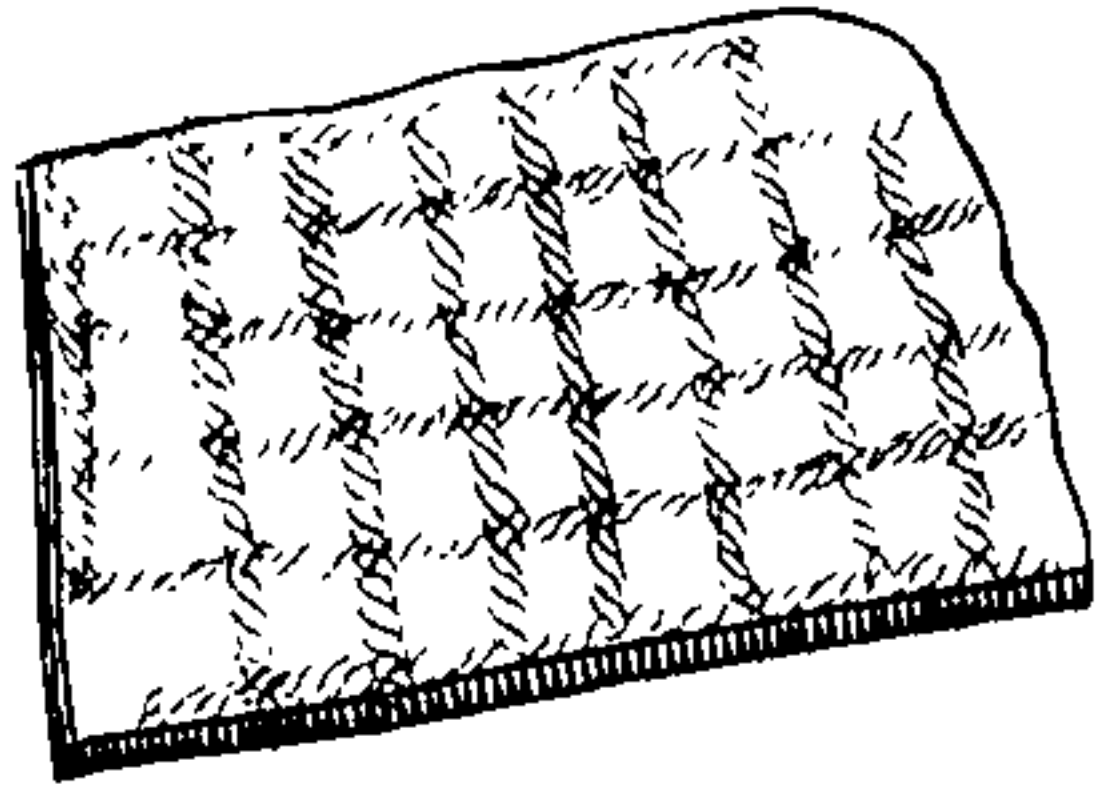
x 9. *Cylindrus MADRASPAT. medio nebuloso, claviculâ carneâ. an Rhombus ventricosus, callosâ columellâ* List. H. C. I. 4. S. 10. c. 3. Tab. 723. Fig. 10? This and the two next the Reverend Dr. George Lewis sent me from Fort St. George.

+ 10. *Buccinum MADRASPAT. nodosum, striis fasciatis*.

x 11. *Tellina MADRASPAT. triquetra, medio fasciata, extremitatibus tessulatis*.

x A. 12. *Entrochus SEPTENTRIONAL. major compressus*. Dr. R. Richardson was pleased to send me this amongst many other uncommon Fossils.

Fig: 1.



To the Reverend Mr. WILLIAM STONESTREET,
This Table is humbly Dedicated by JAMES PETIVER.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XX.

FIG. 1. Nodiflora MANILENSIS Onobrychidis folio, Rutæ odore. Ruta Luzon. sylvestris Spicata Camel.

2. Amomum verum Encalada. This is figured from a design which P. J. Encalada sent to Father Camel, from whom I had it. The Cassamuniar very much resembles it, which I have given a Figure of in my third Decade. Tab. 27.

3. Hemionitis LUSON. 1. C. H. minima vario & gratiofo folio Camel. It sports variously in its Leaves, and grows about a Span high.

4. Trochus INDICUS è rubro & pallido radiatus, Brought me by Mr. John Stocker from the Bay of Bengale.

5. Macer veterum C. B. 408. Macer Gracorum Park. 1590. c. 36. Fig. p. 1688. Macer Dioscorid. & Gracorum J. B. 1. 3. p. 262. Fig. Chabr. 18. Fig. 3. Macer arbor Antiquorum Kiegl. Phyt. Curios. Fig. 13. Macerboom der Ouden Belg. Munt. Herb. 88. Ulmo affinis, fructu vesiculis membranaceis & semine intus incluso composito Raii Hist. Plant. 1779. c. 1. This strange and much desir'd Tree, the Portuguese call Arbore de las Camaras è Arbore Sancto i.e. Arbor Dysenteriae & Arbor Sancta. The Bramin Physicians call it Macre, and the Malabars Arbore de Sancto Thomæ & Macruiyren. Avicen says the Arabians call the Bark of the Root Talisafar, and all the Indian Physicians use it with wonderful success in Dysenteries, and other Fluxes. It's said to grow in divers parts of the East-Indies: I hope therefore it's not impossible to procure Specimens of it in Leaf and Fruit.

6. Piscis Brasilianus cornutus. The American Toad-Fish. Willughbeii Hist. Piscium p. 90. c. 3. Tab. E. 2. Fig. 1. Guaperva Brasil. Marcgr. 150. Fig. Jonst. Pisc. Tab. 36. Fig. 6. p. 40. Desc. Pira Utoewah Laet Gall. 510. Fig. The Brasil Toad-Fish. This is found on the shores of Brasil, and several other Coasts of the West-Indies.

7. Bagre Brasiliana, corpore maculato. Bagre 2 Will. Hist. Pisc. Tab. H. 7. sine descr. Bagre 4 Jonst. Pisc. Tab. 36. Fig. 4. p. 143. desc. Bagre alia species f. ultima Marcgr. 174. Fig. & desc. Curui 1. Pison. Ed. 2. p. 63. Fig. It's a very wholesome Fish, and found plentifully in St. Francis his River in Brasile.

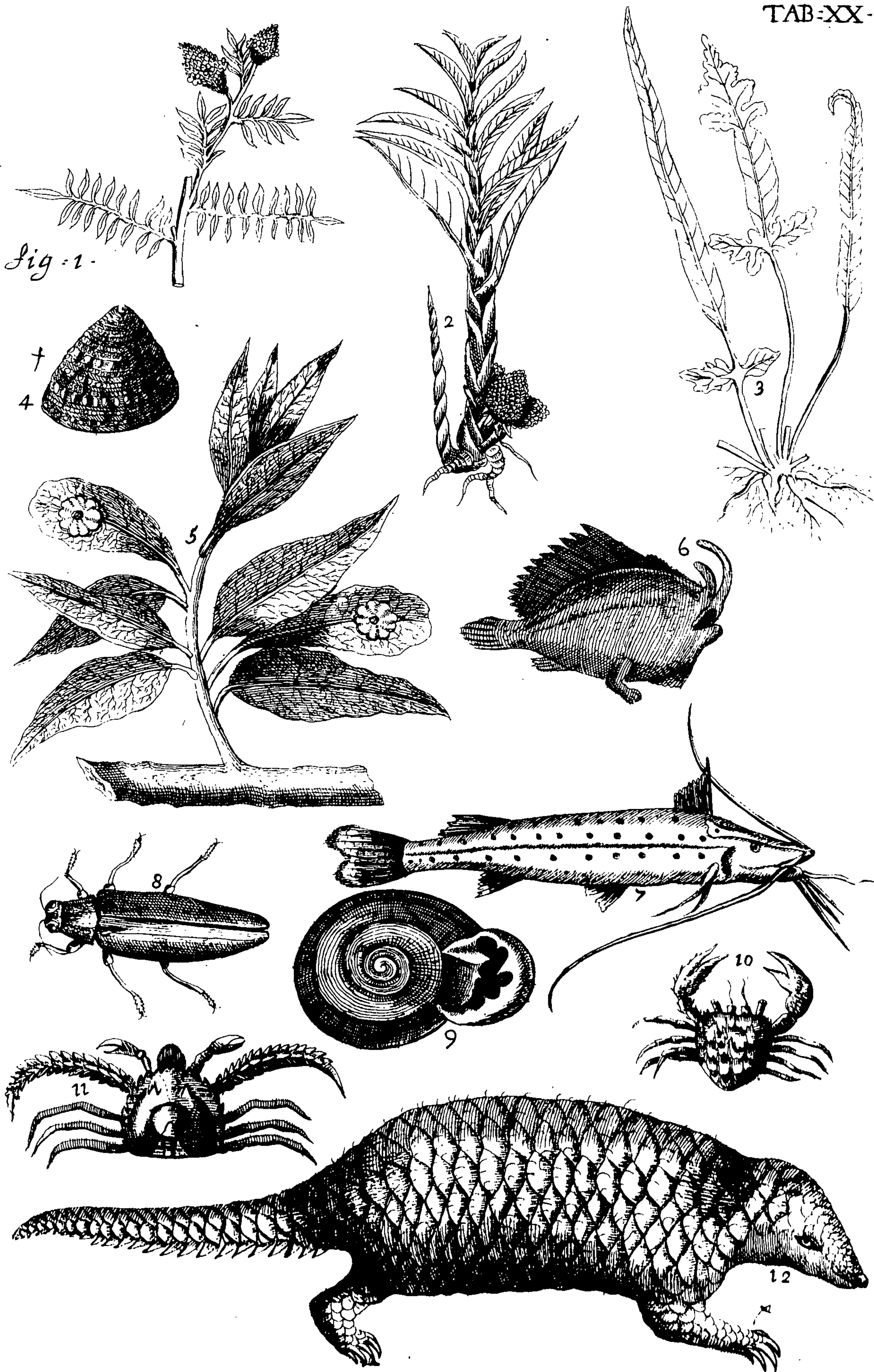
8. Carabus BENGALENSIS è cupreo virescens. Given me by Mr. John Stocker.

9. Cochlea inversa, dentato ore. Cochlea variegata 7 dentibus donata scilicet 2 in fundo oris & 5 ad labrum, claviculâ inversâ List. H. C. 1. 1. Tab. 99. Fig. 100. Cochlea turbine antico. The Fore whirl'd Snail Mus. Regal. Societ. 136. Tab. XI. Fig. 8. Bonan. p. 161. Fig. 330. & 1. The Topple Turvy Snail.

10. Cancer Agathensis testâ variegatâ. Cancer varius C. marmoratus Rondel. Pisc. 1. 18. c. 20. p. 566. id. Gall. 406. Gesn. nom. aq. 206. Fig. 3. s. ult. id. Hist. aq. 186. Fig. 1. id. Fr. 158. Fig. 1. Aldr. An. ex. 200. c. 22. Fig. id. Fr. 67. Tab. 4. p. 66. Fig. 3. Cancer marmoratus f. varius Jonst. An. ex. 22. Tab. 6. Fig. & Tab. 7. Fig. 13. Rondelet's Marble Crab. This he no where observed but on the rocky shores of Agde in Languedoc.

11. Cancer Lerina Insula chelis curtis sed cruribus longis. cancer βεργουζιαν Rond. 568. Fig. id. Gall. 407. c. 20. Fig. Jonst. An. ex. 23. Tab. 6. Fig. 12. Aldr. An. ex. 205. Fig. 3. id. Fr. Tab. 4. p. 66. Fig. 16. Gesn. nom. aq. 207. Fig. 1. id. Hist. aq. 186. Fig. 2. id. Fr. 158. Fig. 2. The short Claw'd Lerina Crab. This is rarely met with, but on St. Honorat an Island formerly call'd Lerina near Antibes in Provence.

12. Lacertus squamosus minor setulis aspersis. an Demon Thebanicus junior ad singulas squamas pilis instructus seu μωραύφαγος squamatus Thebanicus Mus. Leyd. Maj. N° 295. This intire Animal, Madam Herman sent me some time since from Leyden.



To Dr. JOHN WOODWARD, M. D. Physick Professor of
Gresham College, and one of the College of Physicians,
LONDON, This Table is humbly dedicated by JAMES
PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS

DECAS TERTIA:

In quâ ANIMALIA, FOSSILIA, PLANTÆ,
Omniaque Rariora ARTE producta

DESCRIPTIONIBUS brevibus, & ICONIBUS illustrantur.

AJACOBO PETIVER, Pharmacop. LONDINENSIS,
& REGIÆ SOCIETATIS Socio.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXI.

FIG. 1. Cathedra Naturalis, è Radice Theæ mi-
contexta, ab Insula CHUSAN. This wonder-
ful Elbow- Chair the New East India Company pre-
sented to our late President of the Royal Society,
the Lord Sommers, Baron of Evesham, &c who was plea-
sed to add it to the Curiosities of that Museum. I have
formerly seen a large Root of this very much matted,
amongst Mr Charlton's Rarities.

A. 2. Schistus BYERLEUS quadrangulariter impræssus.
Taken from a Design of Dr. Richardson's.

A. 3. Cochinella ANGLICA vulgæissima, seu rubra 7.
nigris maculis notata. Hollar. Insect. Tab. 7. Fig. 8. id.
Wit. Tab. 3. Fig. xi. List. in Goedart 268. Fig. 112 id. Angl.
108. N. 112. These are commonly met with most part
of the Summer.

A. 4. Cochinella ANGLICA bimaculata, s. minor ru-
bra. These are found with the last, but more rare.

A. 5. Cochinella OCCIDENTALIS oblonga, rubra, re-
tramaculata. Madam Glauville gave me this, and it's the
only one I have yet seen.

6. Cochlea JAMAÏCENSIS depressa bidens. Cochlea
bidens ex parte tantum: columella margine obrufiore
clavica à compressâ List. Hist. Conchylior lib 1 Tab. 82.
Fig. 87. an List. Hist. Animal. Angl. append. p. 45. Tab. 3.
Fig. 1, 2. ? This was given me by Mr J. Savage, who had it
from Jamaica.

A. 7. Squilla lacustris minima, dorso natante. Ob-
served in the Spring, by Mr Baker, Apothecary, in the Ponds
on the Common between K. Henry's Walks and Kings-land.
I have hatched these from their Eggs.

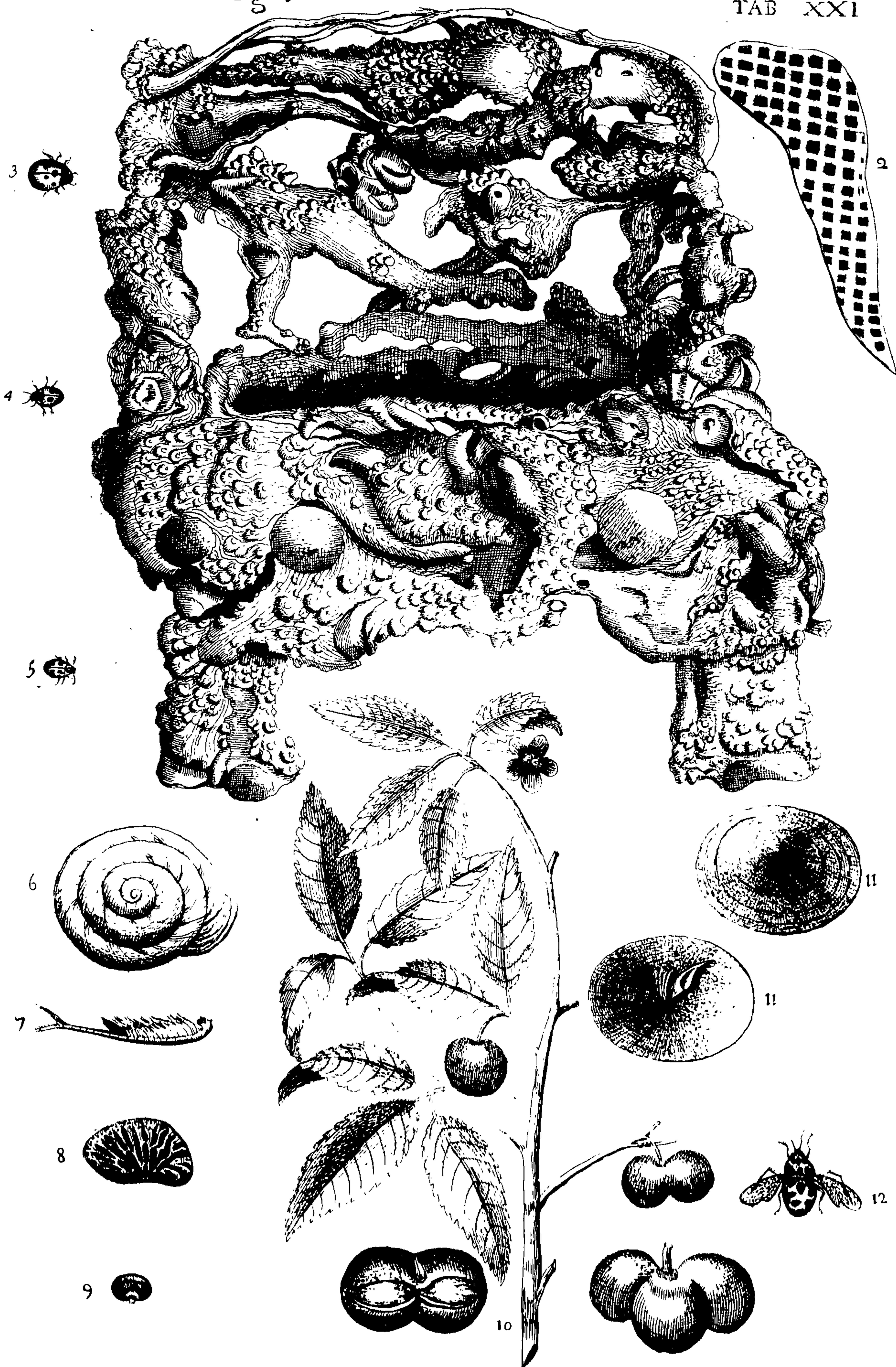
8. Phascolus MADRASPIANUS semine compresso
nigro -lboque eleganter striato. an Chabr. Icon. 140. Fig.
2. I B V 2 l. 17. p. 267.

9. Phascolus MADRASPATAN. minimus, Reniformis
Bezoardicus. This and the last 2 very beautiful Kidney-
beans Mr Edward Eulky sent me from Fort St George.

10. The Thea Shrub is here Figured with its Leaf, Flower
and Fruit, to accompany the Root above at Fig. 1. I have
given the various Synonyms of this in the Philosophical Trans-
actions, N. 286. p. 1428. 92.

X 11. Patella BORNEOCA auriculata tenuis. This odd
Shell Mr J. Rance, Surgeon, brought me from the Island
Borneo.

12. Stockerus BENGALENSIS viridis nigro maculatus.
This is a new Genus of the Beetle kind, the Vagina not being
split but intire, from under which it expands its membranace-
ous wings, as the Figure expresses, which is its flying posture.
Mr John Stocker, my Curious Friend, being the first that
shewed me this Species, I have chose to distinguish it from other
kinds by his name.



To JOHN Lord SUMMERS, Baron of EVESHAM, &c.
 This Table is humbly dedicated by JAMES PETIVER,
 F. R. S.

GA.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXII.

FIG. 1. *Fructus VIZIAGAPATAN*, globosus, hexagonus, cortice fusco. *Prauna Rakha koia V'ziagapan.* Good in violent Fevers, and takes away the blackness of the Tongue. Mr Edward Birkbeck. This is covered with a thin brown Shell, which peel'd off discovers a smooth Fruit equally divided into 6 partitions each of these has a thick woody inclosure, containing in the center a Ricinus like Seed, lying in a large intersepimentum or Bed.

A. 2 *Lyra Harwichensis* pinnâ dorsali longissimâ, maculis ex ulcentibus. Taken about Harwich, and presented to the Repository of the Royal Society by Mr Bull, Fish-monger.

3. *Zerumbet Officinatum Dale Pharmac. p. 366. 9.* Father Camel (from whom I had this accurate design) called this Zerumbeth, and others the Red Ginger of Ternate, by the Indians Pang-sam and Banglay. The Malabar Wild Ginger, Hort. Malab. Vol. xi. Tab. 13. p. 27. and that of Zeylon, which is accurately described and figured by Dr Harman in his Hort. Lugd. Bat. p. 637. who makes it the Zerumbet of Garcias, l. i. c. 43. seem to be the same Plant with this, or very near of kin. See a large Description of this, with its many Uses, & ear Vertues, &c. in the Appendix to Mr Ray's 3d Volume of Plants.

A. 4. *Scarabeus minor Filicinæ.* an List. Hist. An. Angl. app. Tab. 4 fig. 3. Bracken Clocks. So call'd in the North, because found on the Brake, or Female Fern, on which I have often observed them.

A. 5. *Cuculio minimus minimus.* I found this at Epsom the last Spring, in company with Dr Lister and D. Brey-nius, Mr Middleton & others has observed it in December.

A. 6. *Scarabeus agrestis oviparus, Melanocyanæus succo sanguine.* The Bloody Egg Beetle. I have observed these of several sizes, and when taken they spew out a bloody Liquor. List. H. A. A. app. Tab. 4. Fig. 14.

7. Mr Fox his Bumble Bee. Its body green the round spots yellow, and the others red with a yellowish border. West. no st. 706

8. *Papilio IND. ORIENTAL.* fuscus, marginæ cœruleo, subus marmoreus. This Elegant Butterfly I received in Mr Goff's Collection of Insects.

9. *Scarabeus pectinatus minor villosus.* The hoary Chaffer. List. H. A. A. app. Tab. 4. fig. 2. an Mos. 160. fig 3. id. A. 1014. an Hoef. Tab. 1. fig. xi. This is hoary, and much less than Gaz. no st. Tab. 19. Fig. 2. and is rarely met with.

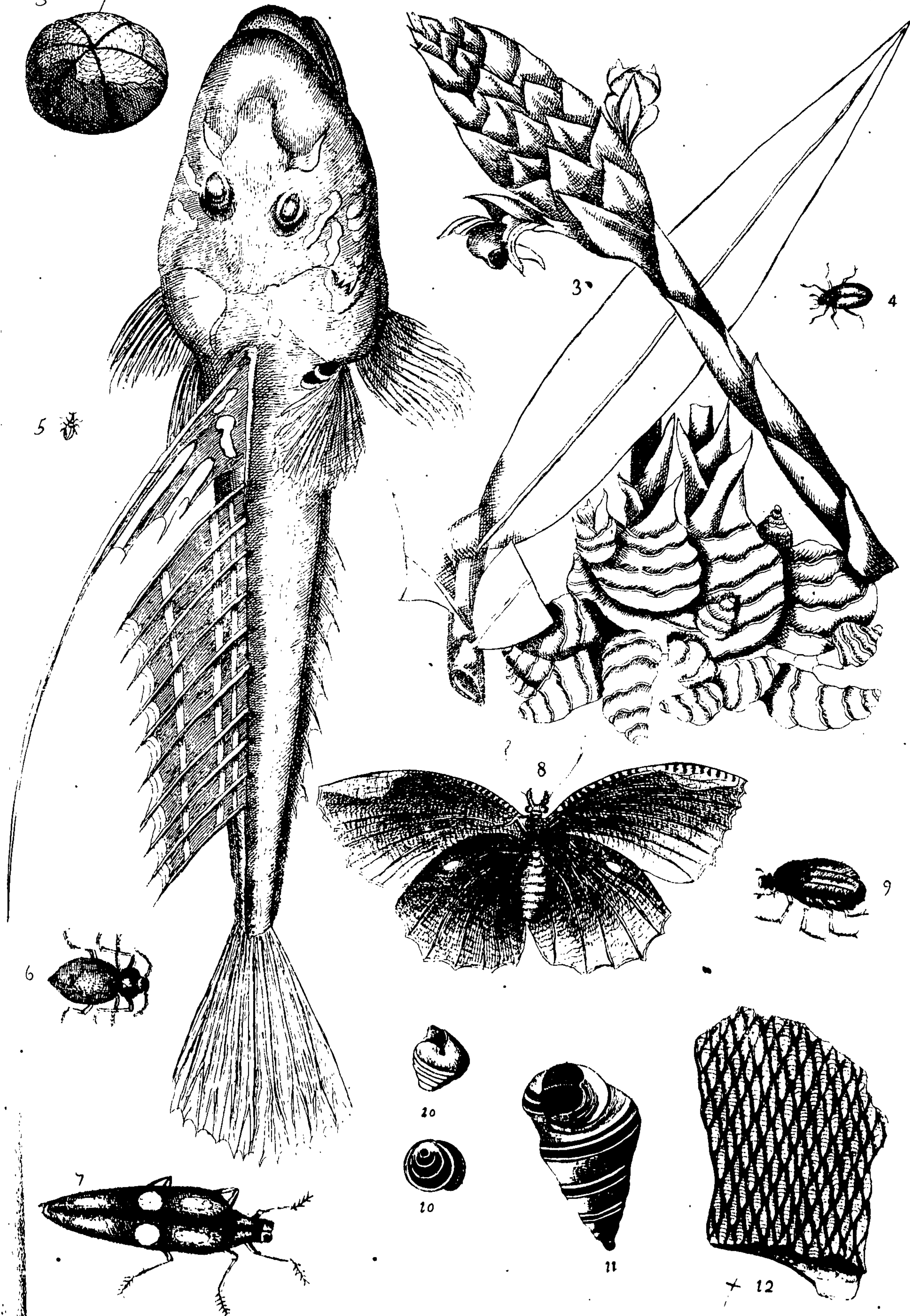
X 10. *Trochylus MONSPESSULANUS* exiguus, fasciatus, pyramidalis, List. Hist. Conchyl. L. 1. Tab. 61. Fig. 58. List. H. A. A. p 45. Tab. 3. Fig. 12. This elegant Shell is pretty frequent about Mompelien, as Dr Lister has observed.

X 11. *Buccinum BARBADENSE* perelegans fasciatum. *Buccinum* 7 orbium fasciis fere bicoloribus, interdum tricoloribus Iridis instar depictum List H. C. l. i. Tab. 15. Fig. 10, an Bonan. 131 Fig. 66. Our Worthy Friend Dr Martin Lister was pleased to give me this beautiful Shell with the last, April the 3d. 1697.

12. *Schistus BYRRHEUS* Caucaloides. These Ovals seem rough, like the Seed of Caucalis or Bastard Parsly. This, with several other impress Slates, I received from my Worthy Friend Dr Richard Richardson.

995.

5210.



To Dr HANS PETER CHARRIERE, M. D. This Table is humbly dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXIII.

FIG. 1. *Zedoaria Officinorum*. This the Indians call *Damogansi*. It very much resembles the *Gaidoar*, or *Gedwar* and *Tumerick*, but is distinguished chiefly in its Leaves, this having a brownish streak along the midst of each, which the others have not. Ray Syllab. Camell. 23. 9.

+ 2. *Porus Spongioides Americana*. Here are 2 varieties of this, which perhaps may be the same, the first or bifurcated flat one is Purplish, both externally and in the middle, and many of its pores are deeply made, the other is roundish, pale without except the spots, which are blackish, and rarely perforated, the inner pits like the last is purplish. Both given me by Mr Robinson, Apothecary in Shandois-street, near Covent-garden.

+ A. 3. *Scarabeus tricerus, niger, antennis pectinatis*. an *Bouceros* vel *Tauroceros* Moff. 152. fig. 2. id. Angl. 1008. Mr Dandridge observed these on Hampstead heath in the Spring.

A. 4. *Scarabeus spadiceus, cornibus ferratis pediculis nigris*. an List. H. A. A. app. Tab. 4. Fig. 5. ? Observed by Mr Richard Middleton Massey, a very Curious Person in Natural Philosophy, about Midsummer in the Physick garden at Oxon: I have also met with it about London, but not common.

X 5. *Avicula CHINENSIS* è cærulea, alba & nigricante mixta. Its Belly, Wingsboulders, Collar, and about the Eyes white, the rest blue strip'd with black; Back, Breast and Head blue. This the Chinese paint in their Pictures, Screens, &c.

6. *Spongia BARBADENSIS* alba, Corallii facie. This is perforated, some few large enough to contain a Cherry stone, in which I have found small Shells, and therefore I conceive made by them for their receptacles; the rest which it's full of, are but pin-holes, it may be blown through in any part, as you can through thin Cloth. Mr Will. Stratton brought me this, with some Shells, &c. from Barbadoes.

A. 7. *Capricornulus NORWEGICUS* scaber, costis nebulosis. I first received this from Norway, since which Mr Dandridge hath observed it on Box hill in May. an List. H. A. A. app. Tab. 4. Fig. 8.

8. *Papilio Alpina*, &c. Musc. Petiver. 502. Mr Ray's Alpine Butterflie. The 3 Clouds next the body, and the 4 Spots in the under wings are deep yellow, the Eye-spots sometimes reddish, the rest white and black.

9. *Mus araneus CAPENSIS* maximus. Taken from a Painting of Dr Sherard's, now Consul of Smyrna.

A. 10. *Scarabeus Viarius niger vaginis sulcatis*. I met with 3 or 4 of these ♀ April 24. 1696. in the Path way between Bromly and London, and the year before nigh Cain-Wood.

11. *Scarabeus Carnivorus niger, vaginis sulcatis ac rugosis*. This is somewhat less than the last, both Shoulders and Sheaths are rugged: I found them May the 3d, 1696. in the intrails of Pole-cats and Weasils on Sir William Hikes Common near Hackney.

908X. 12. *Scarabeus pectinarius viridis, elytris quasi fractis*. The Rose Chaffer. an *Smaragdus* vel *Viridulus* Moff. 158 ?

id. A. 1013 ? Merr. pin. 201. 4 ? an *Scarabeus viridis* Aldr Insect. ed. Francof. p. 179 A. Tab. Fig. 6. T. 1. p. 178 id. ed. Bon. 150. Fig. 6. an *Amst. Insect. 6. p. 71. Tab. 13 Fig. 6. T. 1. an Scarabeus Rutilus minor* Charlton Exercit 47. 4. ? These are often found amongst Roses in June and July.



To M^r DIXON COLBY, Master of Arts of *Merton College*
in OXON. This *Table* is humbly dedicated by JAMES
PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXIV.

FIG. 1. *Champacca* PHILIPPENS. flore ac fructu stellato. *Alanguilang* Zebuorum. *Burac*, *Layo*, *Huramao* Bysaiarum, *In y au hua* Sinarum. See Father Camel's Description of it in the Appendix to Mr Rays 3d Volume of Plants, pag. 83. 2.

A. 2. *Papilio Oculatus* è fusco aureo mixtus, umbra purpurascens. Mr Dale's Purple Ey. This I observed amongst Mr Dale's Collection of English Butterflies, and is the only one I have yet seen.

1424.
1425. A. 3. *Papilio Oculatus* è fusco & flavescens mixtus. The Enfield Eye. Because I have observed several of them on that Chace, I have seen them elsewhere, but not common.

123. A. 4. *Circulio major subcinereus undatus*. Mr Dandridge gave me this large Beetle, who observed it in the Spring about Greenwich and Weelwich in the Sand-holes of those Pits.

5. *Pectunculus lunulatus AMERICANUS* fasciis albis elatis. an *Pectunculus Maculatus*, fasciis rarioribus, exasperatus Lill. H. C. L. 3. S. 4. Tab. 277. Fig. 114? This Shell has 6 or 8 high raised fasciæ, which take their beginning from the Heart-side, but are not so elevated on the other.

3558. A. 6. *Capricornus AMERIC. &c.* Mus. Periver. 708. The Campeachy Goat Chaffer. The Sheaths of this elegant Beetle are white finely streakt with gold and black, as if Japann'd.

4710. A. 7. *Scarabeus impennis tardipes*. The slow legg'd Beetle. MUSE. 139. Fig. id. Angl. 999. I meet with these in Cellars and old Houses, it walks as if frozen, by which, and its having no membranaceous wings, it's easily known from all others.

8. *Ninjin & Gensing Officinarum* Dale Pharm. 340. 11. Ray H. Pl. 1338. Pluk. 101. 7. This is copied from a Painting now in the Museum of the Royal Society, the Root is esteem'd as a great Cordial and Restorative. It grows in Japan and China.

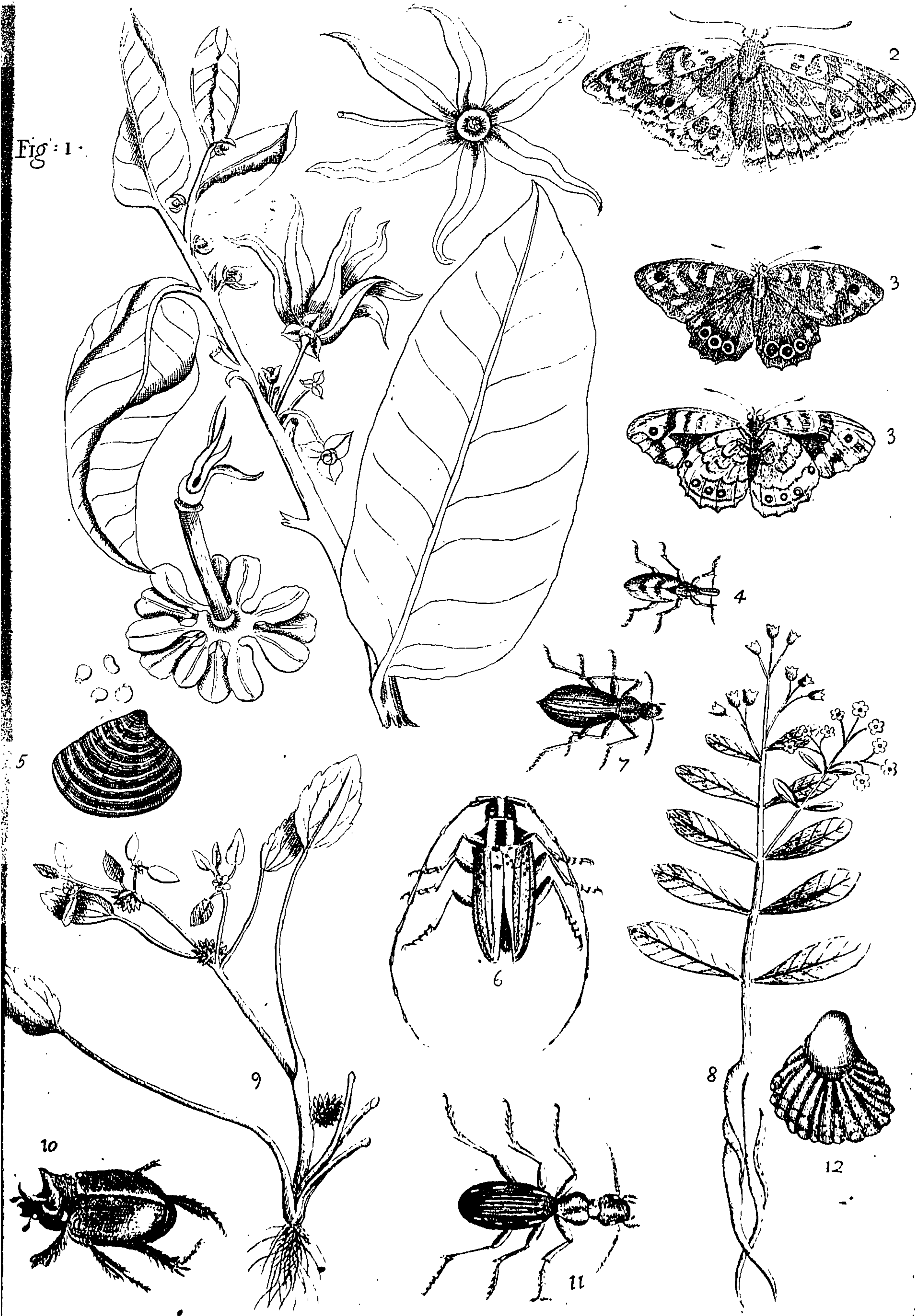
9. *Ranunculus SICULUS* fol. rotundo vix serrato. Ray V. 3. app. 248. R. 4. Dr John Philip Breynius gave me a Sample of this which he gathered in the Physick-garden at Amsterdam, and I have figur'd it from a Design by his own hand.

1400. A. 10. *Nasicornis Tauroceros MARIANUS*, splendens, Castaneæ coloris Terra Mariana Hist. nost. Natural. seu Act. Philosoph. N. 271. p. 814 45. Jones Mary-land Bull Rhinoceros. This is of the Comb-horn'd (i. e. antennis pectinatis) kind, and is very shining above.

11. *Capricornus niger CAPENSIS* sulcatus, 6 albis maculis insignitus. A very elegant Cape Beetle sent me from thence by Mr J. S. Brembergh, he hath also sent me another without spots.

A. 12. *Sphondylus BARBADENSIS* parvus, saltè sulcatus. This my kind Friend Mr James Ayres gave me, who had it from Barbadoes; it oft varies in its shape, the tips of its hinges are always brown.

Fig: 1.



To the Reverend Dr JOHN COVELL, Master of *Christs*
 College in CAMBRIDGE, This Table is humbly dedi-
 cated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXV.

A. FIG. 1. *Phalana alba parva OCCIDENTALIS*, figuraturis marginibusque nigris. This pretty Moth Mad Glanville first sent me from the West of England, which Mr John Perkins, Apothecary, caught since, in my company, on the high Chalky Mountains near Rigate in Surrey, 5 July 1703.

A. 2. *Ichneumon minor*, zonis obscuris. This, the next, and Fig. 10. I find in the Spring on several banks about London.

A. 3. *Ichneumon minor niger*, & nris luteis. This is known from Fig. 13. in having that part below the narrow waist black, with 2 small yellow girdles parted in the middle.

4. *Ranunculus PARISIENSIS pumilus*, *Plantaginellæ folio*, Hort. nost. sicc. Ray Vol. 3. app. 248. R. 3. I am obliged to Monsieur Vaillant, Secretary to Dr Fagon, Chief Physician to the King of France, for the discovery of this Plant, who observed it about Paris.

5. *Rana CAROLINIANA maxima*, voce Taurino. The American Bull Frog. This is that great Frog Mr Clayton mentions in the *Philosoph. Transactions* N. 210. p. 125. and which the Baron Lahontan in his Description of North America, p. 242. calls *Lowing Frogs*.

6. *Jacea CAPENSIS fol. parvo hirsuto, capite viscoso* Hort. nost. Sicc. Ray V. 3. app. 245. L. 2. C. 63. Given me by Dr Breynius, Son to that Famous Botanist Jacobus Breynius of Danzick.

7. *Conophorus CAPENSIS Pini folio* Hort. nost. sicc. Ray V. 3. app. 243. C. 63. This Rare Plant Mr James Cuninghame brought me from the Cape of Good Hope.

X 8. *Tellinæ affinis JAMAIC. turulata, cuneo productiore*. This my old Friend Mr Patrick Rattry brought me amongst a parcel of other Shells from Jamaica.

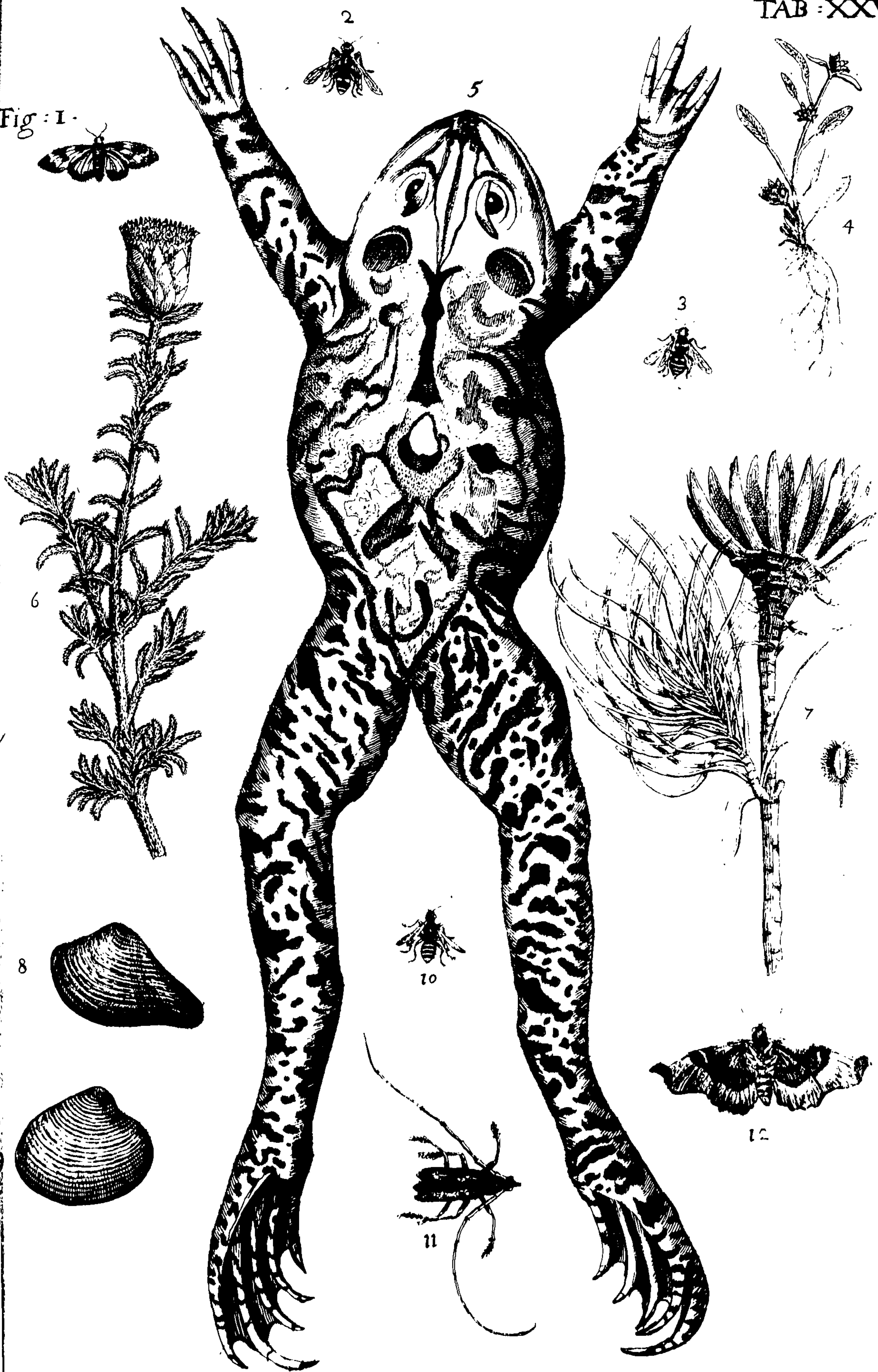
X 9. *Pectunculus AMERICANUS cordatus, fasciis crassiss.* These fasciæ or Circles are thicker set, and nothing near so high raised as Tab. 24. Fig. 5. which with this came from some part of the West Indies, I believe from Jamaica or Barbadoes.

A. 10. *Ichneumon minor, croceus, zonis luteis*. This comes next Fig. 3. but has an Orange list below the waist, instead of a black field.

11. *Capricornus CAROLINIANUS fuscus pallido aspersus*. This singular Beetle Mr Edmund Bohun brought me from Carolina.

12. *Phalana OCCIDENTALIS coloribus & alis undatis*. Glanviles ript Tu below. She being the first person I receiv'd it from who observed it.

Fig : I.



To the Honourable JOHN LVELYN, Esq; F. R. S. &c
 This Table is humbly dedicated by JAMES PETIVER,
 F. R. S.

GAZOPHYLACHI NATURÆ & ARTIS, TAB. XXVI.

FIG 1. *Onobrychis MADRASPAT.* Nummulariæ folio, Barbateæ ut quæ Hort. sicc. *Petiver.* Ray Vol 3. append. p. 247. O. 12. This is said to pod in March. 2. E-

2. *Euonymus CAPENSIS* spinosa Hort. nost. sicc. Ray V. 3. app. 244. E. 33. *Euonymo* æfinis *Æthiopica* spinosa, *Lycii* foliis & aculeis, fructu *Euonymi Pannonicæ Clusii* grandiore *Almag. Botan. Tab. 280. fig. 5. pag. 139.*

3. *Phalana PHILIPPENSIS* cinerea, maculis flavis, corpore zonis sanguineis intermixtis. *Papilio polymitus omnium pulcherrimus Camel. Fig. 26. Insector. Mss.*

4. *Onobrychis MADRASPAT.* Nummulariæ folio, *Ornithopodii* filiquis Hort. nost. sicc. Ray V. 3. app. 247. O. 13. This differs very little from Fig. 1. but in its pods, which are ripe in June.

5. *Araneus LUZON.* Bovinus. From the likeness of its Horns, standing almost straight.

6. *Araneus LUZON.* testaceus trilunatus. This is mixt with yellow and black.

7. *Araneus LUZON.* crustaceus, cornu lunulato. Mixt like the last.

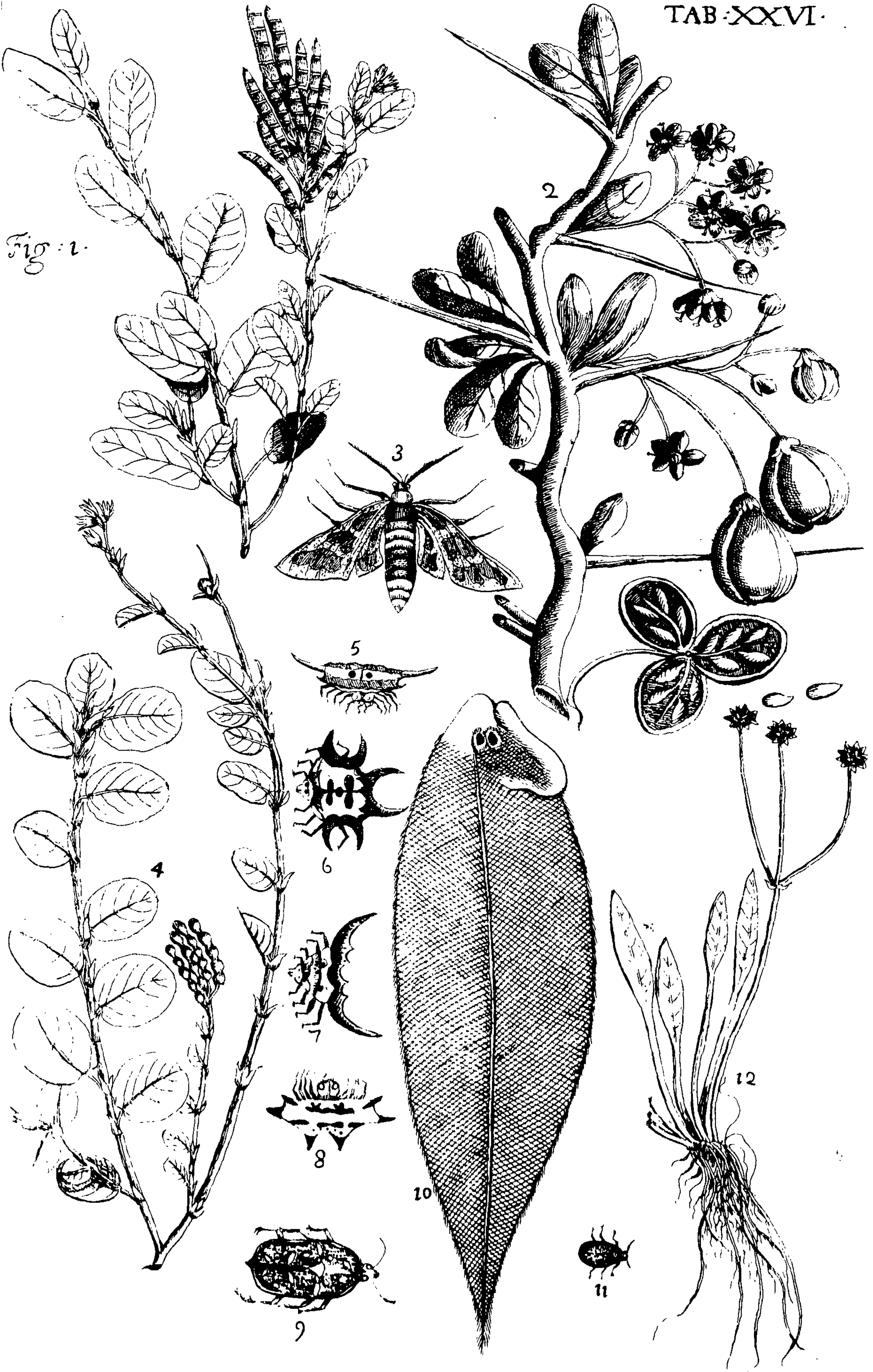
8. *Araneus LUZON.* testaceus angustus trilunatus. This is not only narrower than Fig. 6. but the spots, tho of the same colour, are differently plac'd: These 4 were copied from Designs the Learned Father Camel sent me.

9. *Scarabeus PHILIPPENSIS* prasino-aureus, maculis luteo-albicantibus. *Cantharis Luzon.* *Cetonia Prasino-aurea* Camel. Mss. The belly is of the same colour, but not striped.

10. *Solea PHILIPPENSIS* argentea. This is a flat edible Fish full of Scales, it's 2 inches broad and a span and half long, Silvery above and brown below:

11. *Scarabeus MARIANUS* minor fulvus, maculis nigricantibus aspersis *Æt. Phil. N. 246. p. 396. 9.* This the Reverend Mr Hugh Jones sent me with several other Beetles, &c. from Maryland, which I have given an account of in the aforesaid Transactions.

12. *Ranunculus aquaticus Plantaginis* folio angustissimo *Instit. Rei Herbar. 292. pl. 12. Hist. de Plantes de Paris 525. descript. opt.* This Plant Mons. Vaillant sent me the last year from Paris, where it grows wild, and flowers in July and August.



To Mr PETER GELSTHORP, Master of the Society of
Apothecaries, This Table is humbly Dedicated by JAMES
PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXVII

FIG. 1. *Cassamunier Officinatum* Ray V 3. app. 243. c. 21. The design of this Plant was sent me from Mr Edward Bulkley at Fort St George: This perhaps may be the same with Father Camell's Zumbet Tab. 22. Fig. 3. which I hope in time I shall be able to determine.

X 2. *Olivarius striata & fasciata. an Cochlea alba ventricosa* bidens striis eminentibus exasperata List. H. C. 1. 4. S. 5. c. 7. Tab. 588. Fig. 47. This in length and thickness rather resembles Dr Lister's Fig. 49. but if it does, his twirls are much broader than ours, and seems fewer of them.

4050. 3. *Capricornulus nigrescens* MARIANUS undis & circulis flavescens striatus. Aët. Phil. No 246. p. 397 20. The Maryland Wasp Beetle.

4. *Erica HERNICA* fol. Myrti pilosis subrus incanis Hort. Rost. sic. 244. E. 20. *Erica S. Dabeoci D. Lhwyd* Ray Dend. V. 3. p. 98. 30. *Erica Cantabrica* Flare maximo, foliis Myrti subrus incanis Instit. Rei Herb. 6. 3 5 Elem. Botan. 475. I had a specimen of this elegant Plant from my generous Friend Mr Edward Lhwyd, Keeper of the Museum Ashmoleanum, who gathered it in Ireland in the places Mr Ray mentions.

5. *Papilio PHILIPPENSIS* caeruleus, maculis subtus rotundis & triangularibus.

X 6 *Papilio PHILIPPENSIS* oculis 7 oblongis fimbriatus. I am highly obliged to the Reverend Father Camell for these 2 last Insects, with many others, and their designs.

730. 7. *Scarabæus oblongus niger* VIRGINIANUS, vaginis fulcatis, dorso plano nitente. Aët. Phil. 246. p. 396. 12. Marshall's Virginia Chaffer.

8 *Scarabæus MARIANUS* viridis Rhinoceros Aët. Phil. N. 246. p. 395. 7. The Maryland green Horn-Chaffer, This is distinguisht from the next in having horns.

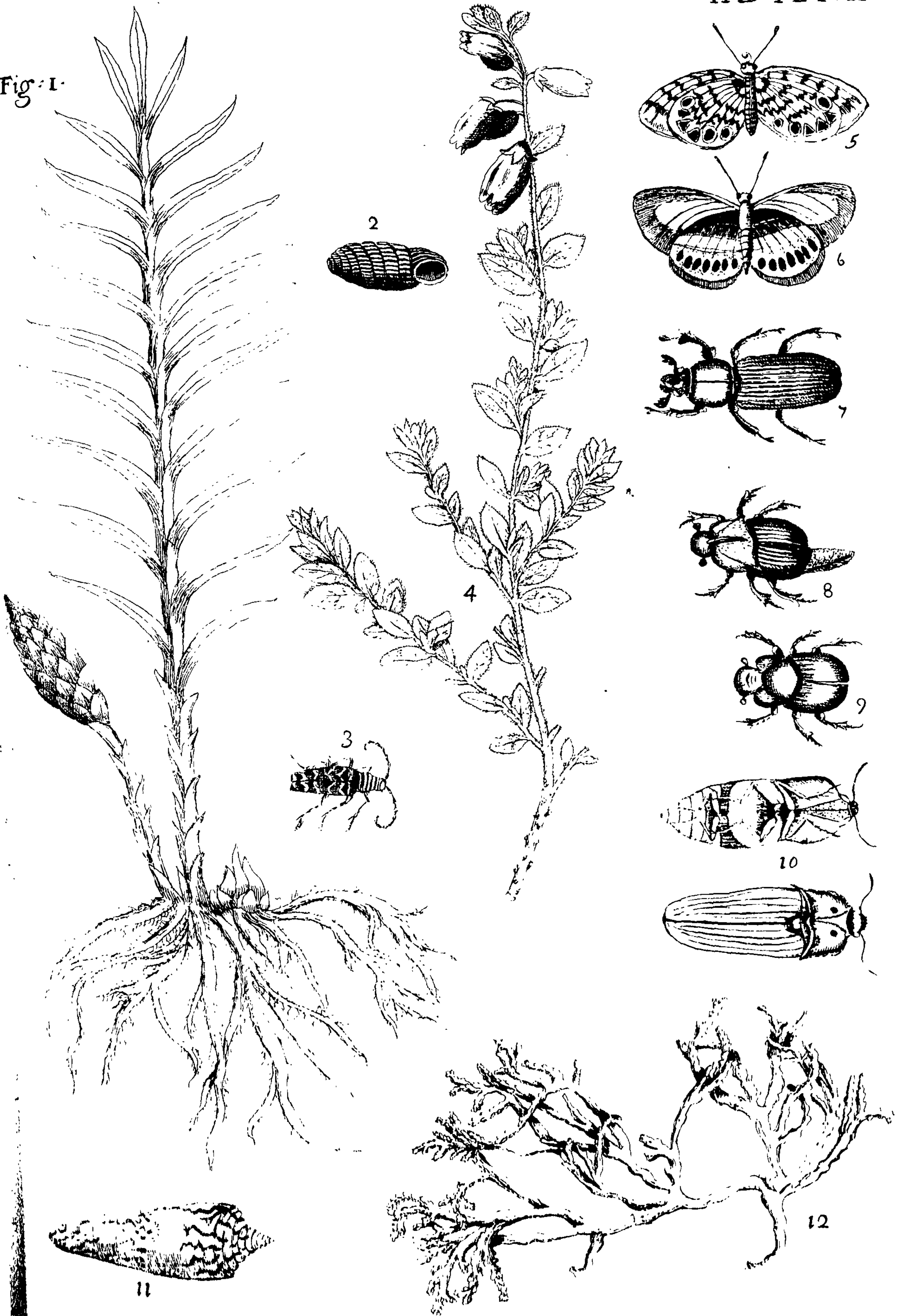
9. *Scarabæus MARIANUS* viridis aceratos Aët. Phil. No 246. p. 395. 8. The Green Maryland Chaffer. Both these are very common in Maryland and Carolina.

10. *Scarabæus LUZONENSIS* elasticus, vaginis striatis. Dango Philippinibus. You have both sides of this Snap-Beetle figured from the Designs Father Camell sent me.

X 11. *Rhombus albus fasciis flavis & mandris alternatim perbelle depictus. an Rhombus* List. H. C. 1. 4 S. 10. c. 5. Tab. 786. Fig. 35. This elegant Shell my Worthy Friend Mr Charlton was pleased formerly to give me.

12. *Alga PHILIPPENSIS* carnosae edulis Goss dicta. This Specimen I have Figured from a Sample the Reverend Father Camell sent me, it's transparent, yellowish, and of the consistence of Gum Tragacanth. Ray Syllab. Camel. pag. 42. 12.

Fig: I.

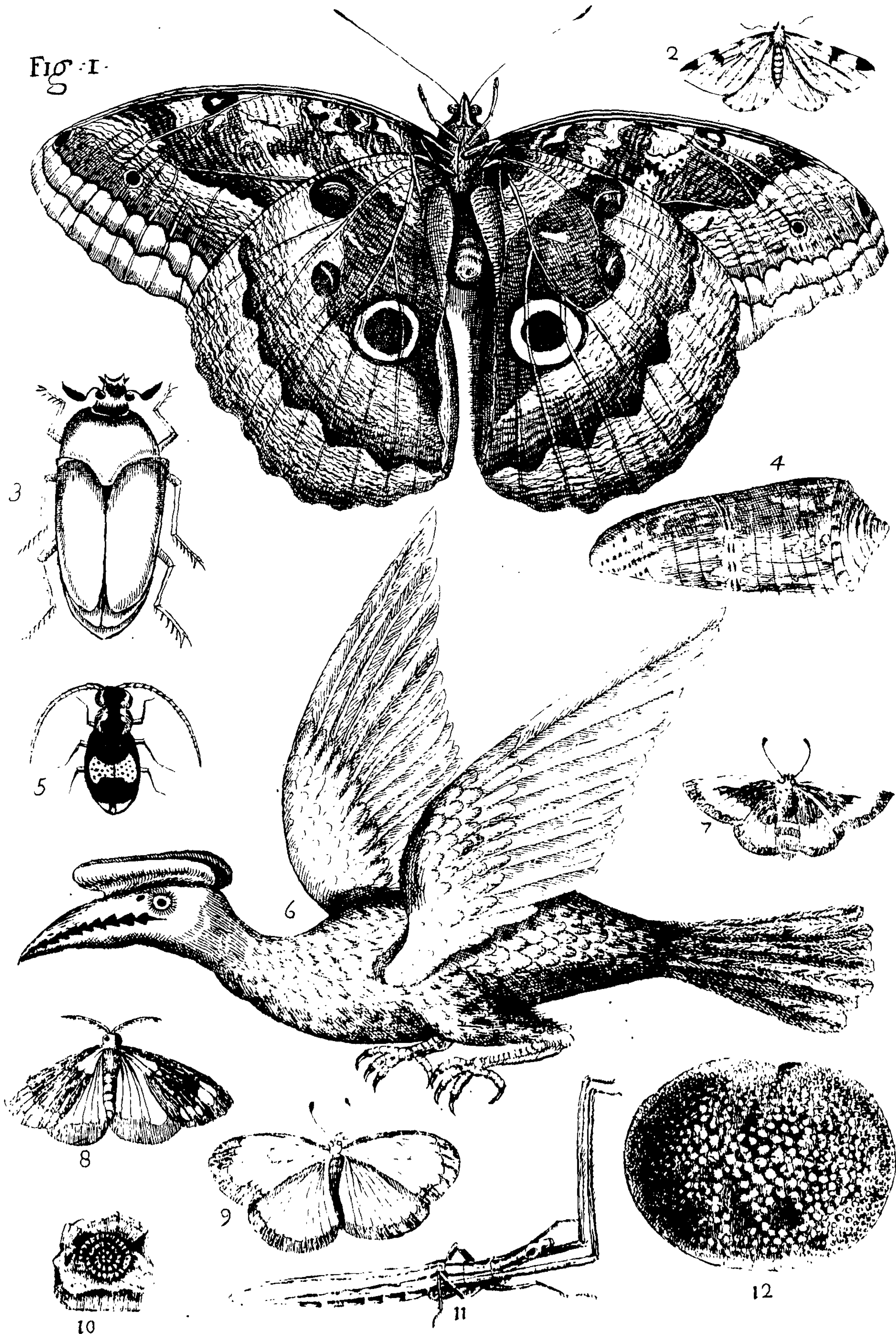


To Mr THOMAS GREENHILL, Chirurgeon, This
Table is humbly Dedicated by JAMES PETIVER,
F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, Tab. XXVIII.

- 1503 * **FIG. 1.** *Papilio SURINAMENSIS* maximus, subtus per-
belle oculus ac marmoreatus. *This very large and
beautiful Butterflie Myn Heer Levinus Vincent sent me, a-
mongst several others, from Amsterdam: I find it also amongst
Madam Merian's Figures of her History of Surinam Insects.*
- A. 2. *Phalena Sulphurea*, nebulis rufescentibus. *First
observed in Mr Tillman Bobart's Collection; I have since seen it
about London, but not common.*
3. *Scarabeus pectinatus* LUZON. aureo-smaragdinus.
- * 4. *Rhombus* INDIAE ORIENTALIS, spatiosis, catenis,
fasciisque flavis, cætera albus, an *Rhombus* subluteus cy-
lindro pyramidalis, lineis quibusdam punctatis & fasciis
undatis depictus *List. H. C. 1. 4. S. 10. Tab. 780. Fig. 27.*
5. *Capricornus* LUZON. ex atro & aureo mixtus. *This
elegant Beetle, with Fig. 3. the Reverend Father Camell sent
me Designs of.*
- + 6. *Aviis* PHILIPPENSIS galeâ planâ. *Calao Luzonen-
sibus. See an accurate description of this wonderful Bird by Fa-
ther Camell in the Philosoph. Transact. N. 285. p. 1394. 17.
Who tells me the Body is less, and the Tail larger than the Figure
which he sent me represents.*
7. *Papilio* LUZON. è fusco & luteo superne mixtus.
This and the 2 next from the same hand with the last.
8. *Phalena* LUZON. è fusco & albo utraq; parte con-
spicue commaculatus.
9. *Papilio* LUZON. luteus marginibus atris.
- A. 10. *Trochites perelegans* Pyrite impressus. *Dr Ri-
chardson, that Curious Observer, sent me this elegant im-
pression in a Copperas Stone from North Byerly in Turkshire.*
11. *Mantis* MEDITERRAN. rufescens media. *Caught
in the Straights by Mr Sam. Daniel Surgeon.*
- * 12. *Operculum* INDIAE ORIENTALIS superficie ver-
rucosa. *First given me by Mr Charlton, I have since had
it from the East Indies.*

Fig: I.



To the Reverend Dr HENRY JAMES, Master of *Queens*
 College in CAMBRIDGE, This Table is humbly Dedi-
 cated by JAMES PETIVER, F. R. S.

GAZOPHYLACHII NATURÆ & ARTIS, TAB. XXIX.

FIG. 1. *Eryngium* fortè MAURITANICUM, spinosum folio angustissimo Hort. nost. sec Ray V. 3. app. 244. E. 25. an *Bupleurum* Hispanicum fruticosum aculeatum Gramineo folio El Botan. 260. Inst. Rei Herbar. 310. 16. Signior Paul Boccone now Sylvius had this from the Coast of Barbary, and gave it to Dr Sherard, from whose Specimen I designed it. It's a very odd shrubby Plant, and has somewhat the face of a Cowslip; each Joint is commonly armed with three woody strong Thorns, the largest in the middle; these stand alternately, like the Bambu, on a cross bended stock; from the bosom of these Spines comes 2 or 3 less, with as many long narrow Leaves of the stiffness of Holly; on the edges are many little protuberances, like the first Leaves of *Epiphyllanthus Jamaicensis*.

2. *Euceros* LUZON. naticornis maximus Bagang di Quis Camel. Mss. de Scarab. Philippensibus.

3. *Phalena* GUINEENSIS flava perelegans & pulchre oculata. This beautiful Insect my Hearty and Kind Friend M. Rich. Plancher brought me with several others from the Guinea Coast.

4. *Araneus* LUZON. mortiferus Smaragdino-aureus Banagan I. Camel. Mss. Aran. Luzon. an *Araneus* arucus Nirenberg Hist. Nat. 291. c. 24. an Lavalava Hernand. Insect. Hist. p. 75. c. 28.

The Sting of this, if not cured by Fire or a Decoction of Dauva, kills Man and Beast, these delight in the Sambach Ariabum, or Syringa, and dwell in their twisted Leaves.

A. 5. *Scarabeolus* SEPTENTR. vaginis aureis eleganter striatis, capite nigro: This with Fig. 8. & 9. Madam Glanville sent me from the West of England, where she had observ'd them.

6. *Araneus* LUZON. ex argenteo, flavo & fusco pulchre mixto, pedibus nigris.

7. *Astacus* LUZON. cornutus echinatus, albo, luteo & cinnabarino elegantissime variegatus. Banagan Philippensibus. Camel. Mss. Piscium, Mollusc. & Crustac. Philipp. The design he sent me is as big again as this Figure.

4-6 22 - A. 8. *Testudinarius* aureus guttulis nigris aspersis. I once observ'd this in a Meadow near Woolwich.

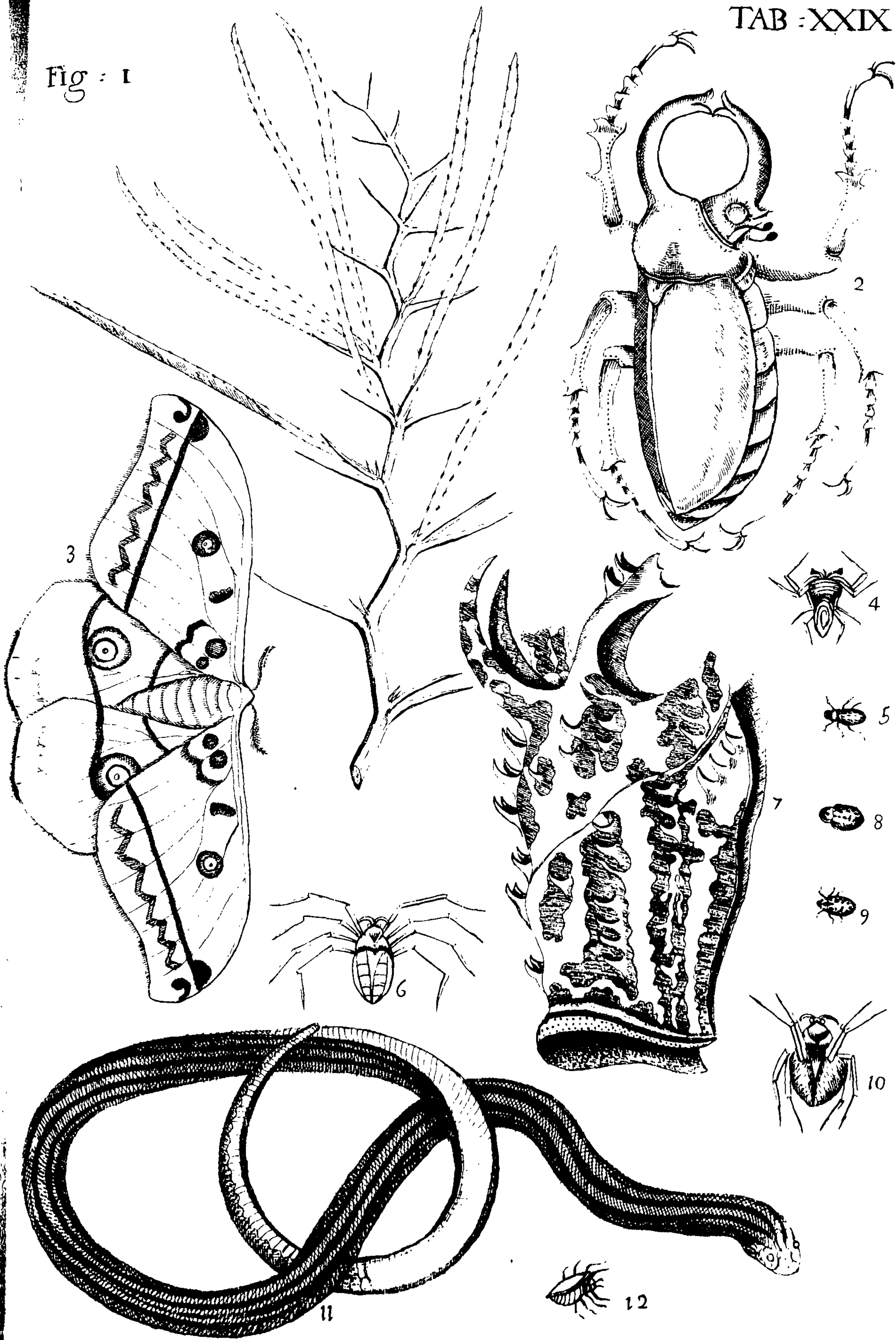
11 11 - A. 9. *Scarabeolus* oblongus aureus maculis 13 in vaginis ornatus. This something resembles our common Lady-cow, but is slenderer, and has 6 spots on each Wing, with one on the Fissure, as the other has but three.

10. *Araneus* LUZON. torosus pilosus, totus fuscus: The Designs of this, Fig. 4. & 6. were sent me from that curious Observer of Nature, Father George Joseph Camel.

11. *Cecilia* BORN. &c. Mus. nost. 106. The strip'd Snake of Borneo. This seems to be a familiar House-Snake, for my worthy Friend Mr Silvanus Landon caught him drinking in a Punch-bowl, after a sudden return with some Friends from it, in the Island Borneo.

12. *Araneus* LUZON. gibbosus subfuscus, per totum dorsum protracto, elevato & flavo Camel Mss. Araneor. Philippensium. These lay whitish Eggs in yellow silken globular Baggs.

Fig : I



To Mr EDWARD LHWYD, Keeper of the *Ashmolean*
Museum in OXON. This Table is humbly Dedicated by
JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXX.

X FIG. 1. *Pectunculus* &c. *Muscovitica* Mus. nost. 728. Klem's Russia Mus. It was first discovered by that Physician, and is an elegant shell.

2. *Hirundo* LUZON. *venenata ruberrima* Bangol dicta. This wonderful Fish is red throughout: All its Flesh will in one Night by hanging up dissolve into a florid red liquor, which they use in staining, and is very lasting. It's a span and a half long, and hath Warts instead of Scales.

X 3. *Concha Veneris* cœulescens parva, utroque capite bima- culata, ventre late serrato. an C. V. List L. 4 S. 9 Tab. 624. Fig. 20. ? This is always bluish, but varies in its spots and waves.

A. 4. *Capricornulus* HAMPSTED. strimiteus, signaturis nigris. This sometimes varies in its magnitude as in the Fi- gures, but is always bigger than the next, and more rarely met with: Caught in Bear-wood beyond Hamstead Heath.

X A. 5. *Capricornulus* HAMPSTED. exiguus, vaginis ru- bent. apice nigro. I have observed these about Midsummer, on the Flowers of Sphondylium or Cow Parsnip. To whose Umbells divers Insects resort.

X 6. *Olivarius* BARBADENSIS vix dentatus, ex albo & Ca- staneo reticulatus, clavicula cœulescens an List. H.C. L. 4. S. xi. Tab. 827. fig. 49. b. Barbadoes Net-Olive. These are distinguish'd from others by their blue tips.

X A. 7. *Euccinulum* oblongum A. enaceum. an Buccinum exiguum 5 anfractuum, mucrone acuto List. H. A. A. p. 122. Fig. 7. These I found at the Roots of old Trees in the Lord Wooton's Grove at Hamstead, March 7. A. D. 1697.

8. *Lapis* CHINENSIS Mayz referens. The Mayz-Stone. Mr Will. Maple, at Apothecary's Hall, was pleas'd to give me this elegant Stone; it very much resembles the grains of Tur- ky-wheat or Mayz, but these are alternately set, and not one directly over the other.

X 9. *Concha Veneris* cœulescens parva, utroque capite bi- maulata, ventre sessile plano an C. V. List. H. L. C. 4. S. 9. Tab. 624. Fig. 21. ? This is very like Fig. 3. but differs in ha- ving its Belly smooth, and the Mouth only tooth'd.

X 10. *Crotalaria* MADRASPAT. Pilosellæ folio Hort. nost. Sic. Ray V. 3. app. 244. C. 194. This and the next I lately receiv'd from my worthy Friend Mr Edward Bulkly at Fort St George, as I had formerly done from Mr Samuel Brown.

11. *Lens* MADRASPATAN. Elatines folio Hort. nost. Sic. Ray V. 3. append. 246. L. 8. The Flowers are yellow, lonely and with Stalks each coming from the bosom of its Leaf, and are succedea by a small flat Lentil-like pod.

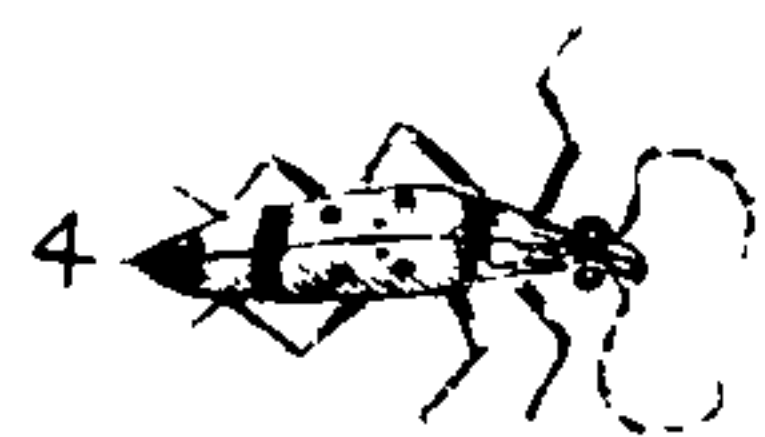
12. *Argyrome* CAPENS. fol. incanis lobati. Chrysocome flore albo, foliis subrotundis auriculatis Capitis Bonæ spei. Breynij Prodr. 2do p. 333. Dr Breynius, Son of this cele- brated Author, was pleas'd to present me with this specimen.

Fig - I -



2

3



6



7



8



11

12

10

9



To Mr JOHN THORPE, Master of Arts of University
College in OXON. This Table is humbly Dedicated
by JAMES PETIVER, F. R. S.

GAZOPHYLACII
NATURÆ & ARTIS

DECAS QUARTA:

In quâ ANIMALIA, FOSSILIA, PLANTÆ,
Omniaque Rariora ARTE producta

DESCRIPTIONIBUS brevibus, & ICONIBUS illustrantur.

A JACOBO PETIVER, Pharmacop. LONDINENSIS,
& REGIÆ SOCIETATIS Socio.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXXI.

X **F**IG. 1. *Calao avis* rostrum rubrum, galeatum, casside latâ. Under this Title, the Curious and Learned Father Kamel sent me this Design with his Manuscript of Philippine Birds, now Printed in the Philosophical Transactions, N. 285.

A. 2. *Cantharis azureus perelegans*. I first receiv'd this in Mr Darby his Collection of Insects formerly gave me, and have since observed it about Houses.

A. 3. *Scarabæolus aureus*, capite nigro.

A. 4. *Scarabæolus aureus*, capite lineisq; nigris.

A. 5. *Planorbis hortensis minima pulchre striata*. *Conchlea terrestris compressa maculata & leviter striata* List. Hist. Conchyl. app. Tab. 4. Our Curious Brother Mr Sam. Dale first discovered this and sent it me. I have since observed it about London.

6. Inhamē MADRAS PATAN. foliis binis pulchre venosis Hort. nost. Sicc. 11. 19. seu Ray Hist. Plant Vol. 3. append. 246. I am obliged to Mr Edward Bulkley for this Beautiful Plant, whose Leaves are the most elegantly veined I ever yet saw.

A. 7. *Scarabæolus niger*, lateribus apicibusque vaginarum aureis. Found floating in a Ditch in Bishops Wood beyond Hampstead Heath.

8. *Coralloides epispongiosa PHILIPPENSIS*, virgulis dilute purpureis, minoribus punctis. Philipp. Submar. Catal. 14. seu Aët. Phil. N 286. p. 1421. 14.

X 9. *Pectunculus Venereus*. *Pectunculus ruber fasciis acutis & ex altera parte muricatis exasperatus* List. H. C. Lib. 3. Sect. 1. cap. 3. Tab. 307. Fig. 14. Olearij Mus. p. 62. 4. Tab. 29. Fig. 4.

X 10. *Echinus perexiguus*. *Echima omnium minima*. Alarvand. Test. 412. fig. id. edit. Francof. Tab. 10. fig. 23. p. 136. I take this to be an Indigena on our Coast, finding them amongst a parcel of Shells, which I believe are English.

11. *Blitum MADRAS PATAN*. *Parietariae folio, spicatum* Hort. nost. Sicc. B. 28. Ray H. Pl. Vol. 3. app. p. 242.

12. *Coralloides epispongiosa PHILIPPENSIS*. virgulis paucioribus punctatis, Sanguinei coloris. Philipp. Submar. Cat. 16. S. Aët. Phil. N 286. p. 1421. 16. Specimens of this and Figure 8, with several other very Curious Submarines, mentioned in that Transaction and Figured hereafter, were sent me from the Philippine Isles by the Learned Father Kamel

The following Persons, have been my late Benefactors.

TO Mr Edward Bulkley at Fort St George, I am again obliged for 20 Books of dry Plants, with some Seeds and Insects, amongst the first are some New, which I shall suddenly publish.

2. Since my Account of the *Chusan* Plants Printed in the *Phil. Transact.* No 286. sent from Mr James Cunningham; this curious Person hath again been pleased to favour Dr Sloan and me, with above 100 others from thence, (most of them since mentioned in my *Hortus Siccus Ray H. Pl.* Vol. 3 app. p. 241.) and very lately with about as many from the Kingdom of *Cochinchina*, as also several from *Pulo Condore*, to which he has added divers Insects, Shells and other Curiosities, of which ere long there shall be an account given.

3. Dr John Crafts Hiegel, Chief Physician to the Archbishop and Lecturer of *Troyes*, hath lately sent me some rare Fossils found in those parts, and amongst them the famed *Hysterilites*, which I have figured in my 6th Decade.

4. I am obliged to Mr Isaac Teal, Apothecary General, for his care of these from so curious a Correspondent.

5. The Reverend and Learned Father Kamel alias Camel, besides his two Curious Treatises of the *Philippine Herbs and Trees*, formerly sent (which are now Printed in the 3d Volume of that late accurate Botanist, Mr John Ray, his Excellent *History of Plants*) hath again very lately been pleased to favour me with many Additions, new Observations and Delineations, both to his *Herbs and Trees*, as also a 3d Book de *Plantis Philippinis*, part of which I have already inserted in the *Phil. Transact.* No 293. Where you will find such of them and the Herbs of which he sent me the Designs, (the Trees you shall see elsewhere) Several of these I have already figured in my *Gazophylacick Tables*, and shall continue them, if this Curious Age will give encouragement; which is humbly hoped, since there are in them many Discoveries in all parts of Nature, which hitherto was never known to Europe. The same hath also sent me a Treatise of Shells, new discoveries in Insects, with many other Curiosities.

6. Dr John Jacob Scheuchzer, Physician at *Basel*, and Fellow of the *Royal Society* in England. This accurate Observer of Nature, hath been pleased to present me with a Collection of rare *Alpine Plants* very neatly preserv'd, and in a very curious Mss. which he hath Dedicated and sent to the *Royal Society*, there are many of the Plants very finely Painted, which I will suddenly give the Figures of.

7. My Worthy Friend Dr Sloan, Physician, Secretary to the *Royal Society*, &c. hath been pleased to give me the freedom to figure several of his infinite number of Curiosities, which will be no small Addition and Ornament to my future Decades; whose Museum since the late famous Mr Cuvier alias Charlton, has added his entire Collection to it, may equal, if not exceed, most Cabinets in Europe.

8. Dr Christian Maximilianus Spener, Physician to the King of Prussia, and Fellow of the *Royal Brandenburg College of Sciences*, as also one of the *Imperial Academy of Curious Naturalists*: To this Worthy Person, I am very sensibly obliged for a Box of curious Fossils sent the last Summer, and another lately received; a Catalogue of both, with Figures of the most rare shall suddenly be publish'd.

Several other Benefactors for want of room here, must be referred until the next opportunity.

ADVERTISEMENT.

THE Tables for the next Decade are all ready finish'd, and shall be publish'd as soon as 10 Guineas are Subscribed; in these, amongst other Curious things, you will see the Figures of the

1. Cortex Peru or Jesuits Bark, with its Leaves, &c.
2. Several Plants from Barbary.
3. Divers Philippine Insects.
4. *Amomum legitimum Kameli* Ray Vol. 3. Dend. 89
5. Pao de Cobra or Snake-wood.
6. Some Indian Fruits.
7. A singular Water Fowl.
8. A rare sort of the Fish *Remora*.
9. Divers elegant Beetles, some very large.
10. A Circular impression on Stone from Dr Spener.
11. *Vanillia* with its Leaves and elegant Flowers.
12. Shells from several parts.
13. Some Beautiful Birds.
14. Several Philippine Trees.
15. Exotick submarine Bodies as Coral, &c.

16. A long tailed Fruit, found in the Ships taken at *Vigo*, which the Spaniards in Mexico use in their Chocolate.

17. Divers elegant Ferns from E. Kamel.
18. Some Shells from *Pulo Condore* from Mr Cunningham.
19. A Scarlet Philippine Fungus.
20. English Insects hitherto undescribed.
21. A strange Centaur-like Monster, from the Philippines.
22. A singular *Vitico Ales* from those parts.
23. The Root and Leaf of an Indian Counterpoison.
24. Several Insects, in my very Beautiful.

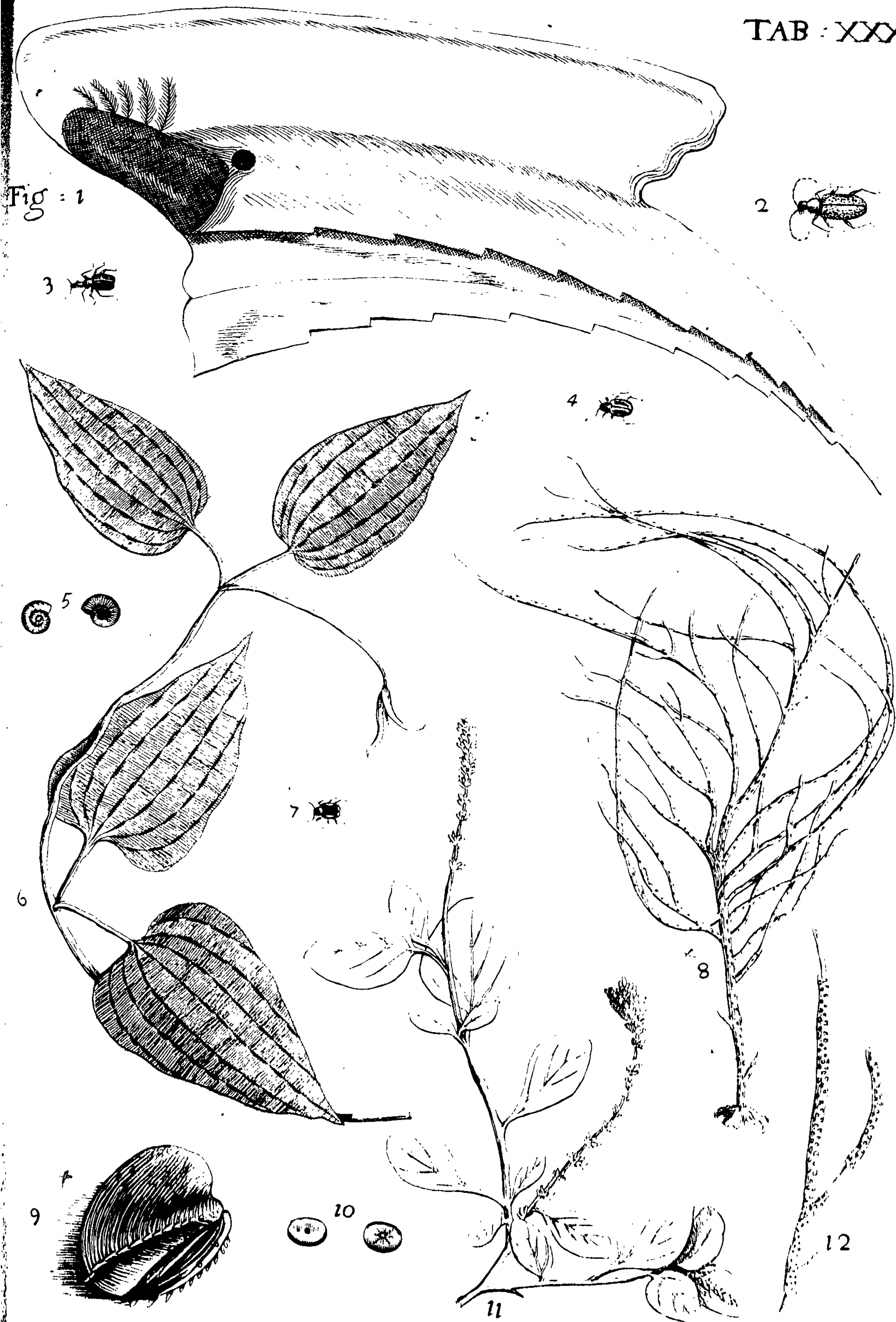
With several other things, no less rare, which for want of room here, we must refer you to the Decade itself.

N. B. I am putting to the Press the 11th and 12th Centuries of my Museum, containing English Insects and Shells, and of the last many Foreign, with divers Indian Plants, none yet known to be described by any Author.

And in a little time, God permitting me Health, I design to give a Catalogue of many British Fossils, and with them several others which I have lately received from my kind Friends abroad; and if they, or other Curious Persons, will be so kind suddenly to furnish me with more, I will both mention and retalliate their Favours conferred on them.

Humble Servant,
JAMES PETIVER.

Abinggate Street, March 15. 1704. L O N D O N
Sold by Mr Smith and Mr Brooman, Booksellers.



To FRANCIS ASTON, Esquire, F. R. S. This
Table is humbly dedicated by JAMES PETIVER,
F. R. S.

GAZOPHYLACHI NATURÆ & ARTIS, TAB. XXXII.

FIG. 1. Rete PHILIPPENSE nigrum, telis quadrangulis duplicatis *Phil. Submar. Cat. 2. s. A. P. No 286. 1419.*

2. Cochlea LUZONICA pallida, fasciâ nigricante

3. Alcyonium PHILIPP. ramulis gelatinis implexis *Phil. Submar. Cat. 8. s. Act. Phil. N 286. p. 1420. 8. This is a very odd S. Marine as is Fig. 1. both which I have given Descriptions of in the Transaction aforementioned.*

A. 4. *Phalæna* cinerea splendens maculata. This differs from Fig. 8 below, in being larger and shining, and is not so commonly met with

5. Papilionoides CAROLINIANA fusca, signaturâ aurâ pellucidâ subtus albidâ. This is a new Genus of Exorick Insects (of which I have several sorts) its peculiarities are a thick and short Moth-like Body, its Horns turgid near the end but hook-pointed, and most of them have generally greater or lesser transparent coloured spots, it participates of the Butterfly and Moth.

6. Papilio LIVONICUS è fusco carulescente, subtus maculatus. Dr Nicolas Martini a Curious young Gentleman, and Son of the chief Physician of Riga gave me this when in England, with some other Insects which he had observed in Livonia.

7. Phalæna-hombylus CAROLINIANUS maximus ferrugineus. This is another new Genus of Insects, approaching next to the Hawk-moths, these suck their nutriment on the Wing like the humming Birds, are generally feather tail'd, and have a colourless transparency in the midst of their Wing.

A. 8. Phalæna minor albâ, maculis nigrescentibus ornata. *an Goed. Vol. 3 Tab. 13. p. List. Fig. 61. This appears about Midsummer generally amongst Nettles.*

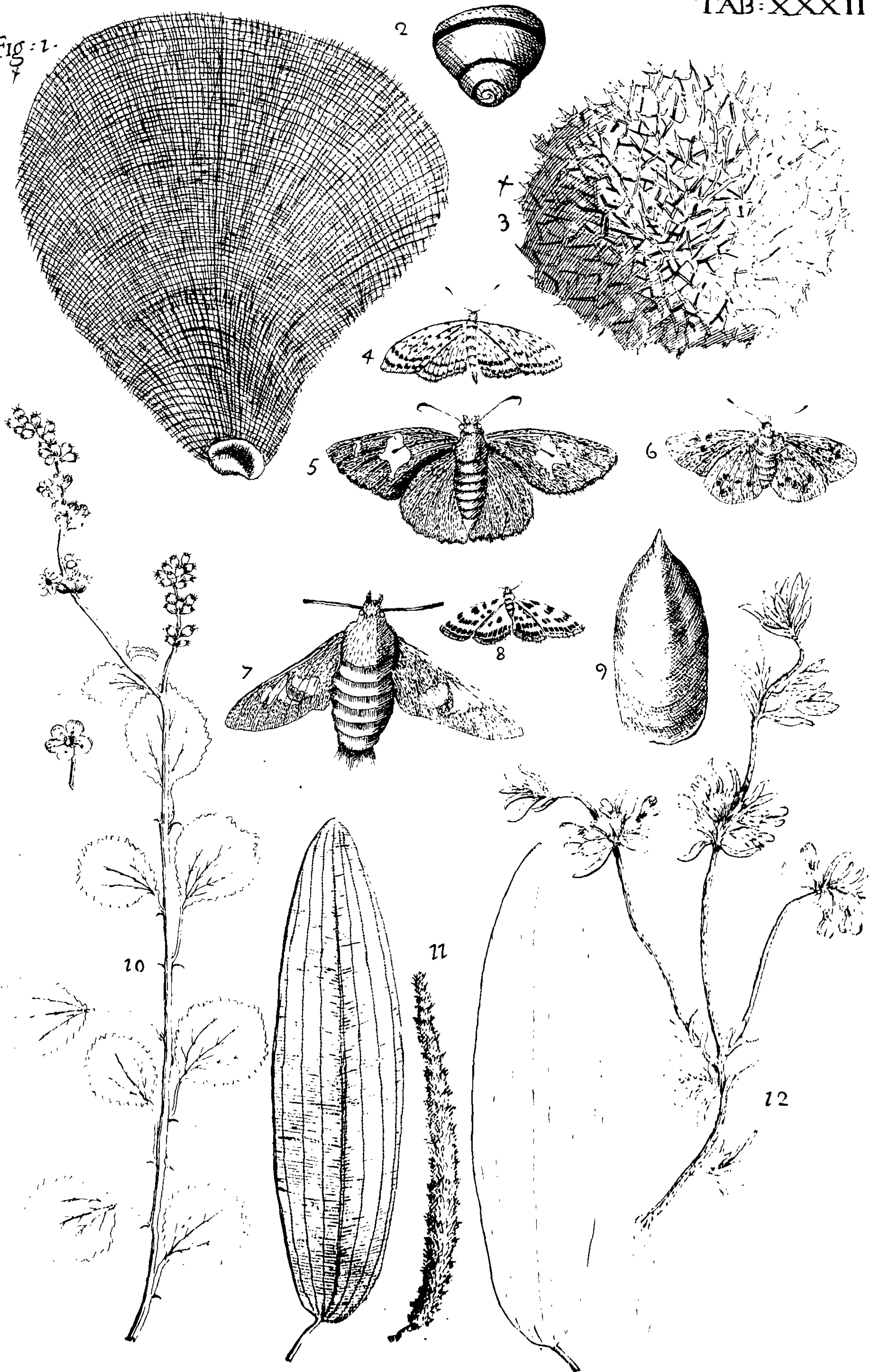
9. Concha LUZON. tubularis vireicens. The Natives in Luzon call this Balay & Udpan, and the Spaniards there Boca de pato, i. e. Ducks-bill from its shape. This I figured from a Shell Father Kamel sent me, since which in a MSS I have very lately received from him DeConchyliis I find both its Description and Delineations in other postures, with the addition of its Tube which shall be given you in my 2d Volume of Decades.

10. Agrimonia MADRASPAT. folio rotundo singulati, subtus incano Hort. *ost. sicc. A. 44. Ray Hist. Pl. Vol. 3. app. 241. At the setting on of the Leaves its commonly attended with small tender auricles*

11. Potamogeton MADRASPAT. Phyllitidis folio, pulch è venoso Hort. *ost. sic. P. 65. Ray Vol. 3. app. 247 The Vains on one side something resemble those of Lab. 31: Fig. 6. D 2 12. Le.*

12. Leonurus MADRASPAT. foliis rigidis, parvis, hirtis Hort. *ost. Sicc. L. 10. Ray Vol. 3. app. 246. This differs from Act. Phil. No 244. p. 323. 21. in being a smaller Plant, hoary, the Leaves lesser, shorter and stiff.*

Fig: 1.



To Mr JAMES AYREY, Merchant. This Table is
humbly Dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXXIII.

X FIG. 1. Lens MADRASPAT. Nummulariæ folio maculato Hort. nost. Sicc. L. 9. Ray V. 3. app. 246. *This is very remarkable both in its Leaves and Spots.*

2. Papilio LUSITAN. minor, ex aureo fuscus, subtus maculatus & virescens. Mr Jezreel Jones caught this about Lisbon the last day of March 1698.

3. Scarabæus MARIANUS minor fulvus, maculis nigricentibus aspersis Hist. Maryland. s. Aët. Phil. No 246. p. 396. 9. This resembles our common English Lady-cow, but hath much larger Spots, as that at Table 26. Fig. xi. has much lesser, and by mistake was there put down for this. Whereas that should have been called Scarabæus stramineus minor Marianus, maculis aterimis diversimode notatus Aët. Phil. No 246. p. 396. xi.

X 4. Thea CHINENSIS Pimentæ Jamaicensis fol. fl. Rosceo simplici. Chusan Plant. Hist. pl. 93. s. Aët. Phil. No 246. r. 396. 93. *Where you may see its Description and some other Remarks.*

5. Papilio Bella donna dicta, VIRGINIANA. oculis subtus majoribus. *This chiefly differs from our English Painted Lady Moth nost. 326. in having larger Eyes underneath.*

A. 6. Phalæna Umbrica lineâ maculifq; sanguineis an Lifi. Fig. 54. an prat. 3. Moët. 98. Fig. 97. id. A. 666. *This Moth produces a Caterpillar very common on Ragwort, and the frequent, an elegant Insect.*

7. Phalæna GUINEENSIS alis è nigro aureis, corpore elegantissimè zonato. *Its body is Girdled with Gold, Silver, Scarlet, Black and changeable, so Beautiful I never yet in that part saw its like.*

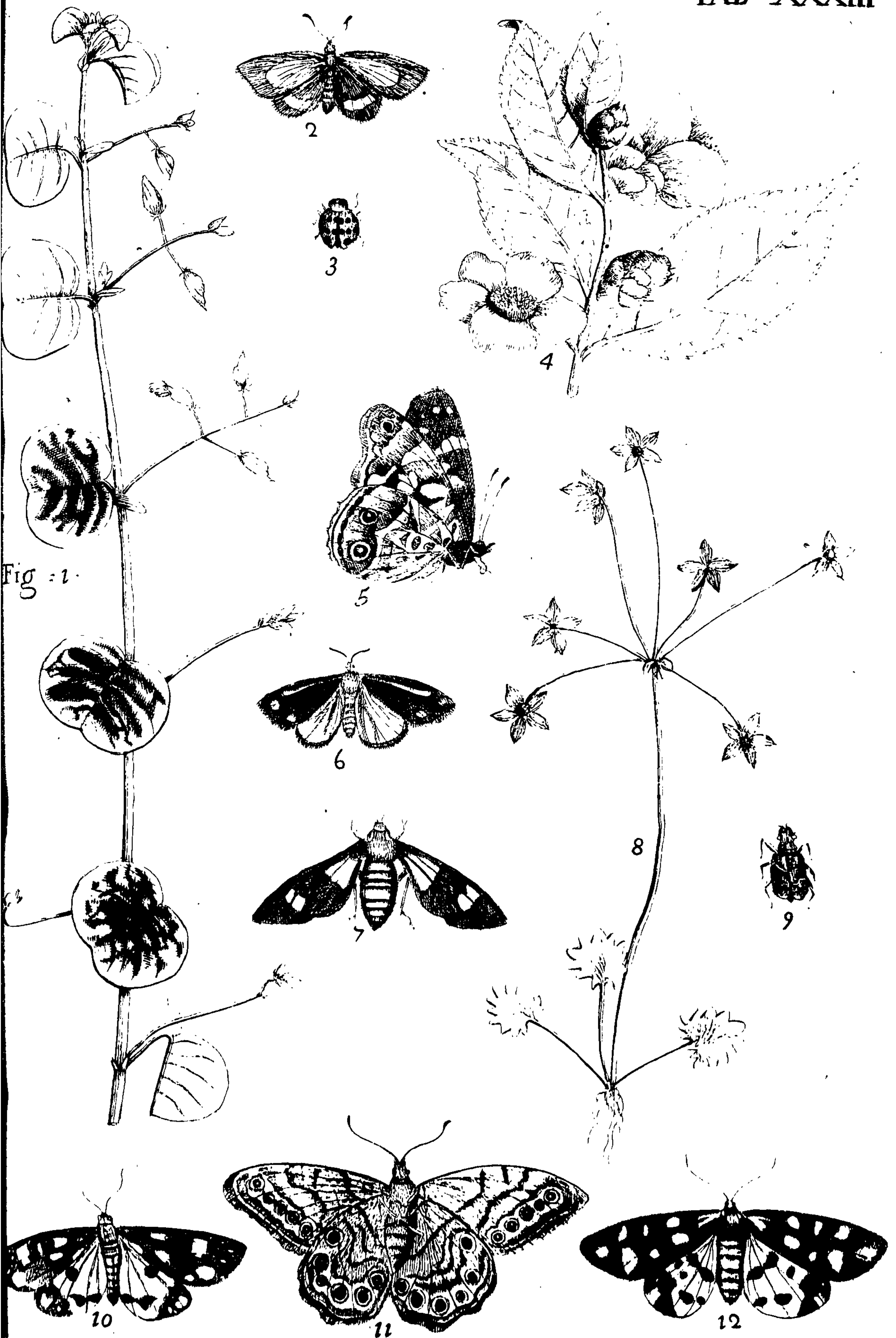
+ 8. Androsace CHUSAN. Cortusæ Matthioli folio Mus. nost. 858. *I take this elegant Plant to come next of kind to Linum Umbilicatum, which the accurate Botanist, Dr Tournesort calls Omphalodes.*

9. Cantharus CAROLIN. niger, undis pallescentibus Insect. Virgin. Obs. No 36. s. Aët. Phil. No 271. p. 813. 36. *This is of the Family of our Green, Golden-spotted English Cantharis.*

A. 10. Phalæna nigrescens maculis minoribus, subtus sanguinea. *The Scarlet Royal Leopard. I am oblig'd to Mr Antrobus for this beautiful Insect, and remember to have seen it with Mr Vernon.*

11. Papilio CAROLIN. fuscus, subtus cinereus, margine eleganter oculato. *I am much obliged to Madam Williams for this Curious Insect, which she sent me amongst many others caught, near her own Habitation in Carolina.*

A. 12. Phalæna nigrescens, maculis majoribus, subtus flavescens. Hollar Tab. 4. fig. 7. Jonst. Insect. Tab. 8. Fig. 26. *The Yellow Royal Leopard. I have met with this about London, but rarely.*



To ROBERT BALLE, Esquire. This Table is humbly
dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXXIV.

FIG. 1. *Ageratum* CAPENSE Crichtmi folio, capitulis parvis. Sent me from Dr Fred. Ruysch.

2. *Hermannia* CAPENSIS *Altheæ* folio Hort. nost. Sicc. H. 15. Ray H. Pl. V. 3. app. 245. A fair Specimen of this Mr John Starreburg sent me amongst many others from the Cape of Good Hope.

3. *Ricinus* CHINENSIS *Sebifera*, *Populi* nigræ fol. Mus. nost. 965. China Tallow-tree *le Compte* Angl. p. 101. Who describes this Tree pretty well, and says its red Leaves and white Kernels at a distance, make a very fine prospect: See its other Synonyms and Description amongst the Chusan Plants, I have given an Account of in the Philosoph. Transactions No 286. p. 1427. 90.

X 4. *Nerita* ORCADENSIS lutea, bifasciis nigris.

X 5. *Nerita* ORCAD. fusca, fasciâ unicâ flavescente.

X 6. *Nerita* ORCAD. flava, striis capillaceis. These 3 elegant varieties, my kind Friend Mr Will. Clerk Surgeon, found the last Summer on the Shoars of the Orkney Isles.

A. 7. *Papilio* minor, è fusco & aureo quodammodo reticulatus. The Checkered Hogg. This and the next are supposed Male and Female.

1955 VII X A. 8. *Papilio* minor, ex aureo & fusco mixtus, striâ nigrâ notabili. The Checker-like Hogg. This is known from the last in having 2 black streaks, near the Shoulders of its upper Wings, and its Golden Checkers in this are here less obvious, and rather melted into a Field.

X A. 9. *Papilio* minor, aureus, striâ nigrâ distinctus. The Speckled Golden Hogg.

X A. 9. a. *Papilio* minor aureus immaculatus. The Spotless Hogg. Here needs no Figure of this, it only wanting the streak in the last. These four varieties the Curious Mr Dandridge has both observ'd and plainly distinguisht.

10. *Faba* ORCAD. nigra, polita, tetrasculcata, hilo magno. var. Clus. Exerc. p. 4. Fig. 9. My Ingenious Friend Mr James Wallace, Physician, hath Figured this in his Description of the Orkney Isles, p. 14. from whose Shoars Mr Will. Clerk brought it me. Father Kamel hath also sent me the same from the Philippine Isles.

X 11. *Agnus* Castus (ROCOD. folio glauco subrotundo. When I first received this, which was from the Crocodilo Isles. I took it for a sort of Teucrium, somewhat like the Bæticum Clusii, its Leaves and Flowers resembling it: but since I have obtained better Specimens from Chusan, by the Fruit I find it to be a true *Agnus* Castus; I also take it to be the same that Mr Ray describes from Father Kamel in the Appendix to his 3d Column. p. 72. 3. who says its rarely trifoliated, as the samples I have yet seen are so.

12. *Arenaria* minor *Camphoratæ* folio. *Lychnis* pusilla *Cixatilis* *Juniperi* folio Elem. Botan. 281. last Re. Herb. 339. 2. This Specimen with several others, were sent me from Mons. Vaillant, Secretary to Dr Eagon, chief Physician to the King of France.

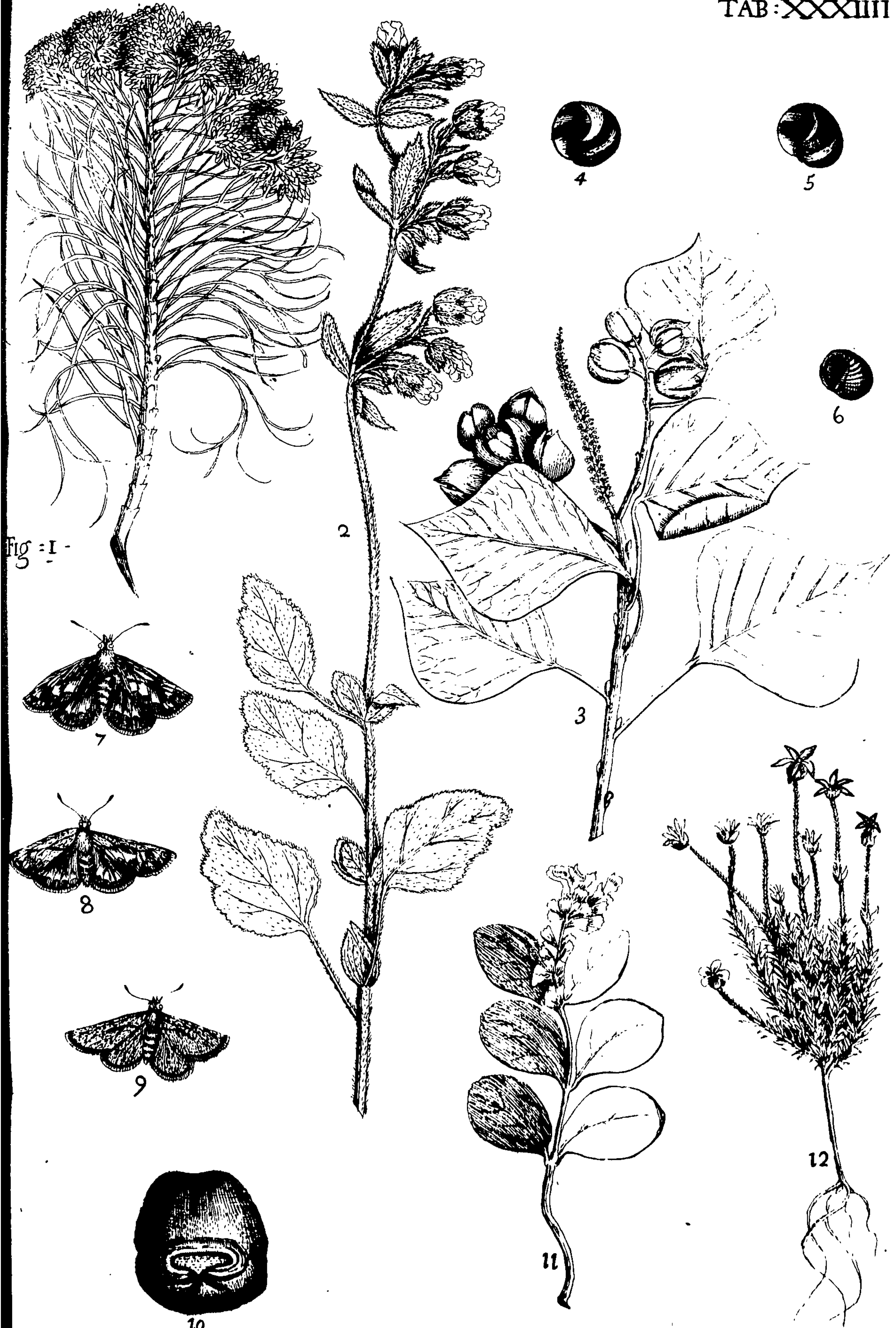


Fig: I -

To Dr JOHN COATSWORTH, PhyGist at St. Anne's
This Table is humbly dedicated by JAMES PETIVER,
F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXXV.

1434 VII.

A. FIG. 1. *Papiliunculus cœruleus vulgatissimus* Mus. noſt. 318. The blue Argus. Very common in Heaths.

1435 VII.

A. 2. *Papiliunculus cœruleſcens*, limbis nigris. The pale blue Argus. This is ſomewhat larger, than the laſt, and much paler on both ſides. I have obſerved it in the Thickets near Banſtead Downs, and in the like places about Purfleet near Gravesend.

1437. VI.

A. 3. *Papiliunculus cœruleo fufcus*. The mixt Argus. This differs from Fig. 1. in having brown mixt with the blue, and ſome Eyes on the margent of the lower Wings above.

1439. VII.

A. 4. *Papiliunculus fufcus*, marginibus aureis. The edg'd brown Argus. This has no blue above, but ſelvidg'd with Golden Eye-like Spots.

4677

5. *Curculio BENGALENSIS ſubrufus maximus*. This is much the largeſt Inſect of this kind, I ever ſaw, I cannot perceive any Mouth it has, but that deficiency, Nature I preſume, has made up with its Snout or Proboſcis, which being hollow, ſucks in its nourishment. Mr John Fox, Surgeon, brought me this with other Inſects from the Bay of Bengall.

A. 6. *Buccinulum minimum ovale*. an *Buccinum exiguum ſubflavum*, mucrone obtuſo ſive *Cylindracœum* Liſt. Hiſt. Anim. Angl. 121. Fig. 6. I have found this very ſmall Shell on the ſandy Banks of the River Thames near Kingſton, it's diſtinguiſht from others, by being thick, ſhort and blunt.

7. *Vaccinia forte CHUSAN. Lauroceraſi fol. fl. tubuloſo*. I am obliged to that worthy Communicative Gentleman Dr Sloane. for Specimens of this Tree with its Flowers.

A. 8. *Planorbis minimus*, *Algis frequenter adnaſcens* an *Vermiculus exiguus albus*, *Nautiloides Alga ſeci ad-hærens* Liſt. H. Conch. L. 4. S. 3. Fig. 5. Tab. 533. It's found on our own and Neighbouring Sea Shoars.

A. 9. *Schiſtus Pinoïdes major*. This and the next to fill up the cavity of their impreſſions have a Coal-like ſubſtance in many of them, they ſomewhat reſemble the Scales of Pine-cones or their younger Branches.

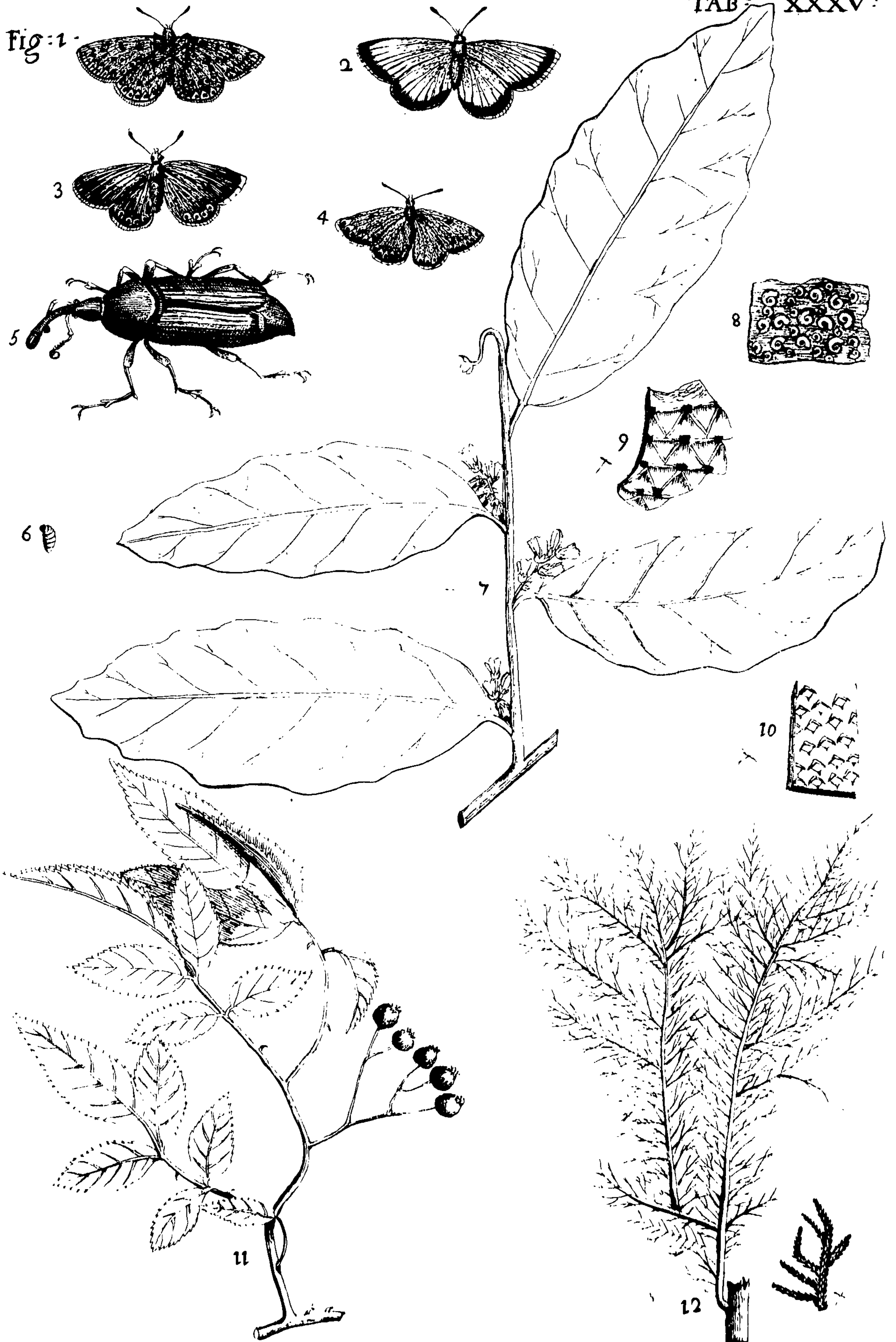
A. 10. *Schiſtus Pinoïdes minor*. The impreſſions on this are much ſmaller than the laſt, they were both found in a Coal Pit at Northbyerly in Yorkſhire, and ſamples ſent me from thence, from my Curious Friend, Dr Rich. Richardson a learned Phyſician in that Town.

11. *Rofa CHUSAN. glabra, Juniperi fruſtu*. This Roſe I have received both from Chuſan and China, but not with Fruit, till Dr Sloan was pleas'd to give it me.

A. 12. *Myriophyllum INDIÆ ORIENT. ramoſiſſimum*, *Philipp. ſubmar. Cat. 6. s. A. P. No 286*, an *Abies maritima coralloïdes pennata*, *ſubhiſſuta Breyn. Prodr. 2. p. 1. 1. Fig. 3 ?*

A. 13. A fragment of the laſt, as it appears thro the Microſcope and mentioned in the A. P. No 286. p. 1420. 6.

Fig: 1-



To SIR GODFRY COPLEY, Baronet and F. R. S.
This Table is humbly dedicated by JAMES PETIVER,
F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XXXVI.

FIG. 1. Gramen Lagopoides CHUSAN. spicis cristatis
palescentibus *Chusan*. 24. s. A. P. No 286. p. 1322. 24.

2. Sambuco palustri affinis JAPONENS. fol. lato,
serrato, flore cærulescente *Hort. nost. Sicc. S. 8. Ray H. Pl.*
V. 3. app. 248.

1446
A. 3. Papilio minor, fuscus HAMSTED. marmoreatus.
Hampsteads brown Butterfly. This varies something in mag-
nitude and colour, but scarce discernable.

4. Os pulchre serratum, forsan Piscis cujusdam. I am
obliged to Mr James Robertson, Apothecary, for this odd
Bone, since which Mr Will. Hayes brought me another some
what larger and less serrated, from the East Indies.

A. 5. Musca Apiformis proboscide porrecto, alis ma-
cularis. This hovers in the Air like a Hawk and darts with a
wonderful swiftness.

A. 6. Pap. fuscus, &c. *Mus. nost. 325.* Our brown Marsh
Fritillary. This and Fig. 9. I take to be Male and Female.
They are not common.

* 7. Coccifera CHUSAN. Coryli folio, floribus exiguis
racemiferis *Chus. 67. A. P. No 286. p. 1413. 67.* The
Figures of this Plant and the next, were taken from Dr Sloan's
Specimens. 8. Fa-

8. Fagara CHUSAN. Rhois Virginianæ fol. caule a-
lato *Chus. 74 A. P. No 286. p. 1423. 74.* This is known
from the rest of this Tribe by its melted stalks, see my Remarks on
2 or 3 sorts in the aforesaid Translation, since which I have
received several other kinds of it from those parts.

246 VIII
A. 9. Papiliunculus fuscus, punctis paucioribus albi-
cantibus. Mr Dandridges Marsh Fritillary. The Spots on
this are larger and fewer than Fig. 6.

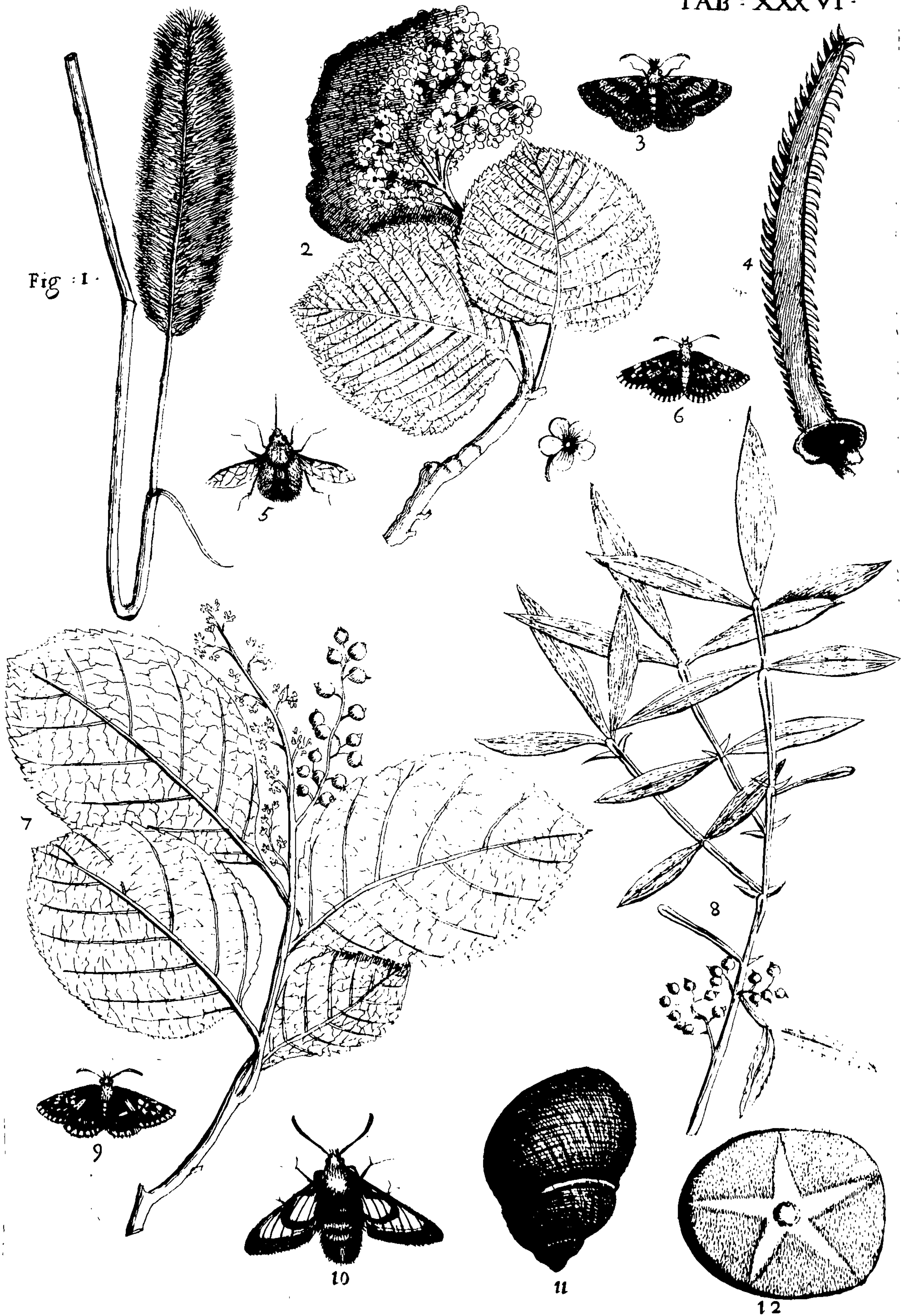
A. 10. Phalæna-bombylus maximus rufus. That ac-
curate Observer Mr Joseph Dandridge was the first discoverer
of this large and beautiful Insect, who caught it about the end of
May at the foot of Box-hill.

A. 10. a Phalæna-bombylus max. fuscus. This and the last
may be Male and Female, its dark part of the Wings are
blackier and narrower, Mr Rand caught this the last Summer on
Hampstead Heath.

* 11. Cochlea ORCAD. maxima, crassa, fasciata. This
resembles our Scarborough Covins *Mus. nost. 813.* but 4 times
bigger.

12. Echinus CHINENS. stellatus, compressus. Mr
James Cuninghams found this elegant Sea Urchin on the
Coast of China.

Fig : I.



To Dr. PHILIP HORNECK, Physician at EXON.
This Table is humbly dedicated by JAMES PETIVER,
F. R. S.

GAZOPHYLACII NATUR. & ARTIS, TAB. XXXVII.

FIG. 1. *Phalæna LUZON.* media è nigro alboque mixta. *This is black and white as the Figure represents.*

2. *Chrysalis parva, castanea, Erucæ sequentis.* From this breaks out the Moth Figured in Tab. 28. 8.

3. *Eruca LUZON.* pilosa antennulata, nigro & flavo variata, *Soncho lævi viſitans.* This Caterpillar having spun a silken Webb coffin'd (i. e. changed into its Chrysalis) the 16th of October, and flew the 22d of the same month.

4. *Orubanche MAURITANICA,* fl. purpureo. Grows in Sandy places, to the Broom at Fig. 13, it Flowers in Feb. and March, the Inhabitants call it *Danoon.* This Plant with many others were observed and designed by Mr John James a Surgeon, about the year 1680. Whilst he was in Barbary, being a Slave there near 20 years, and after his Death this Book fell into the Hands of my very kind Friend, Mr John Thorpe, Apothecary in Wapping, who was generously pleas'd to make me a Present of it.

5. *Papilio LUZON.* medius albus. *This and the first are from Designs Father Kamel sent me.*

4737.

6. *Scarabæus Cerambix LUZON.* facie Tauri. Of this, the next, and Fig. 12. F. Kamel sent me both the Designs and Insects.

7. *Stockerus LUZON.* viridis, scapulâ maculisq; purpureis. *This is an elegant Species of Tab. 21. Fig. 12. Where I have described its peculiarity.*

8. *Fructus pent-angulus, alte sulcatus unucleus.* Mr Edward Bulkley first procured me this Fruit, and from Cochinchina Mr Gunningham hath lately sent it me.

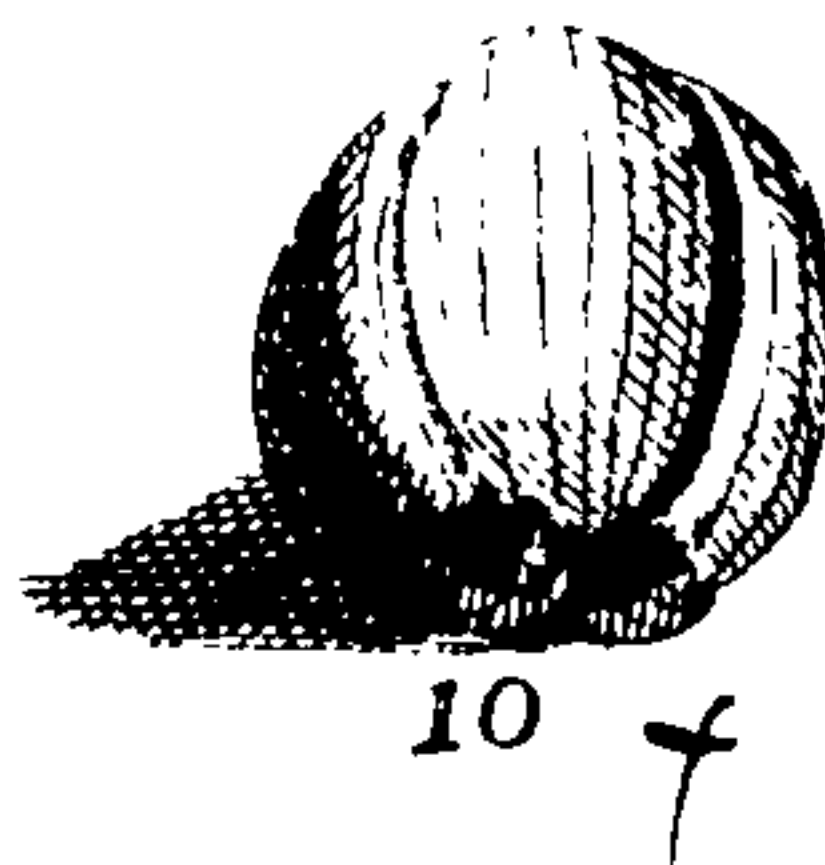
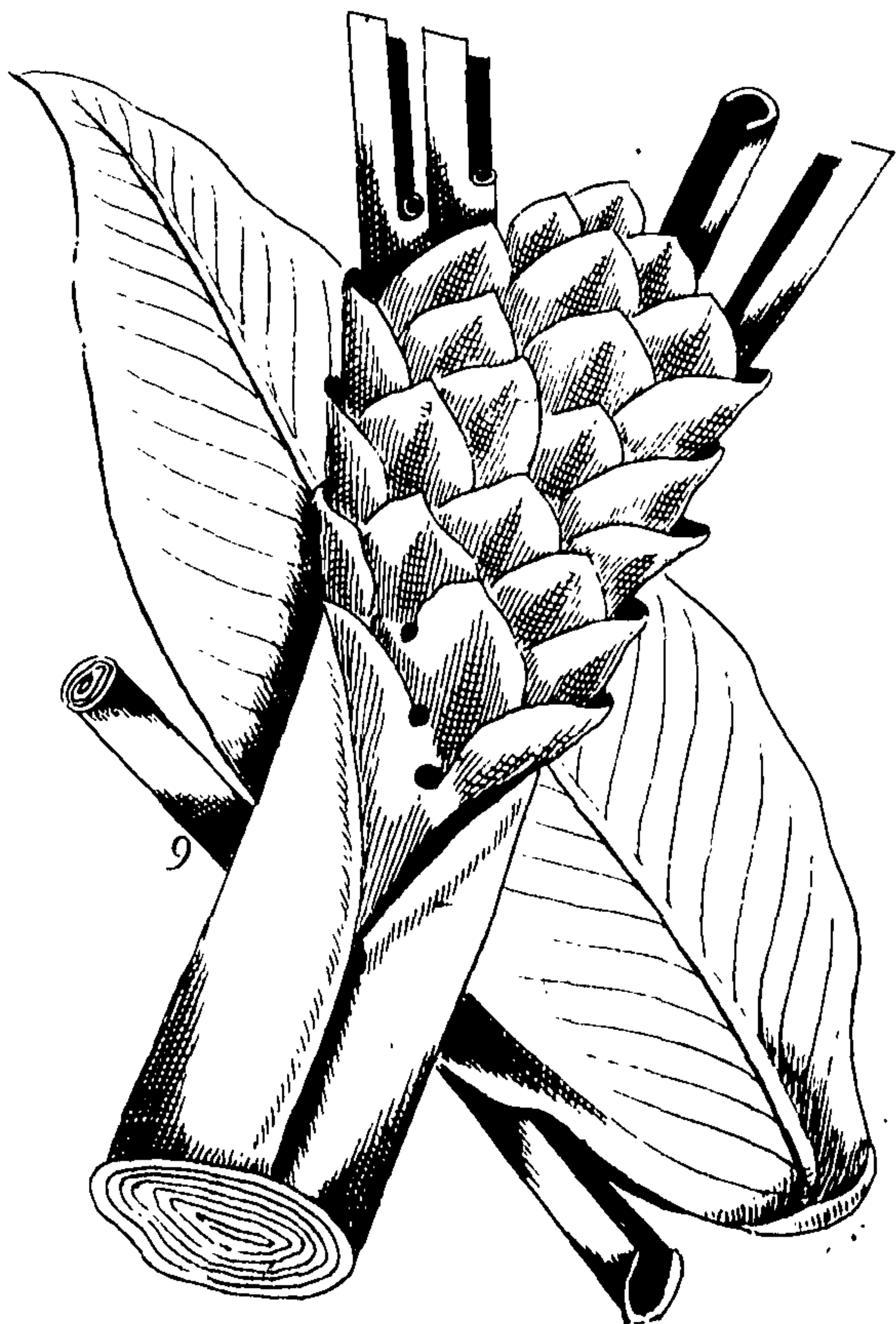
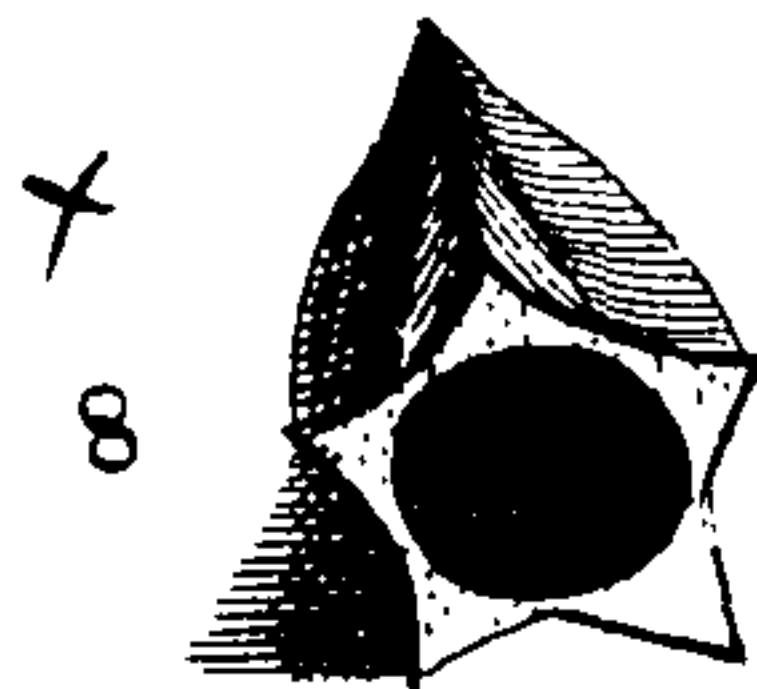
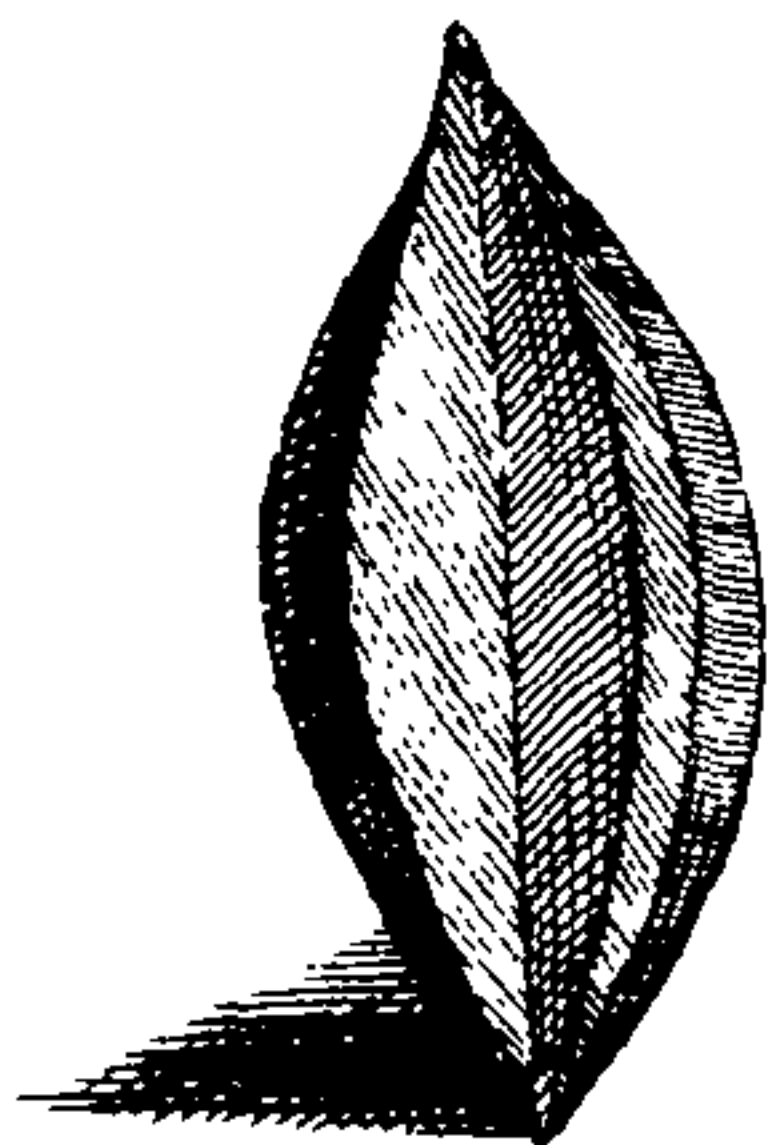
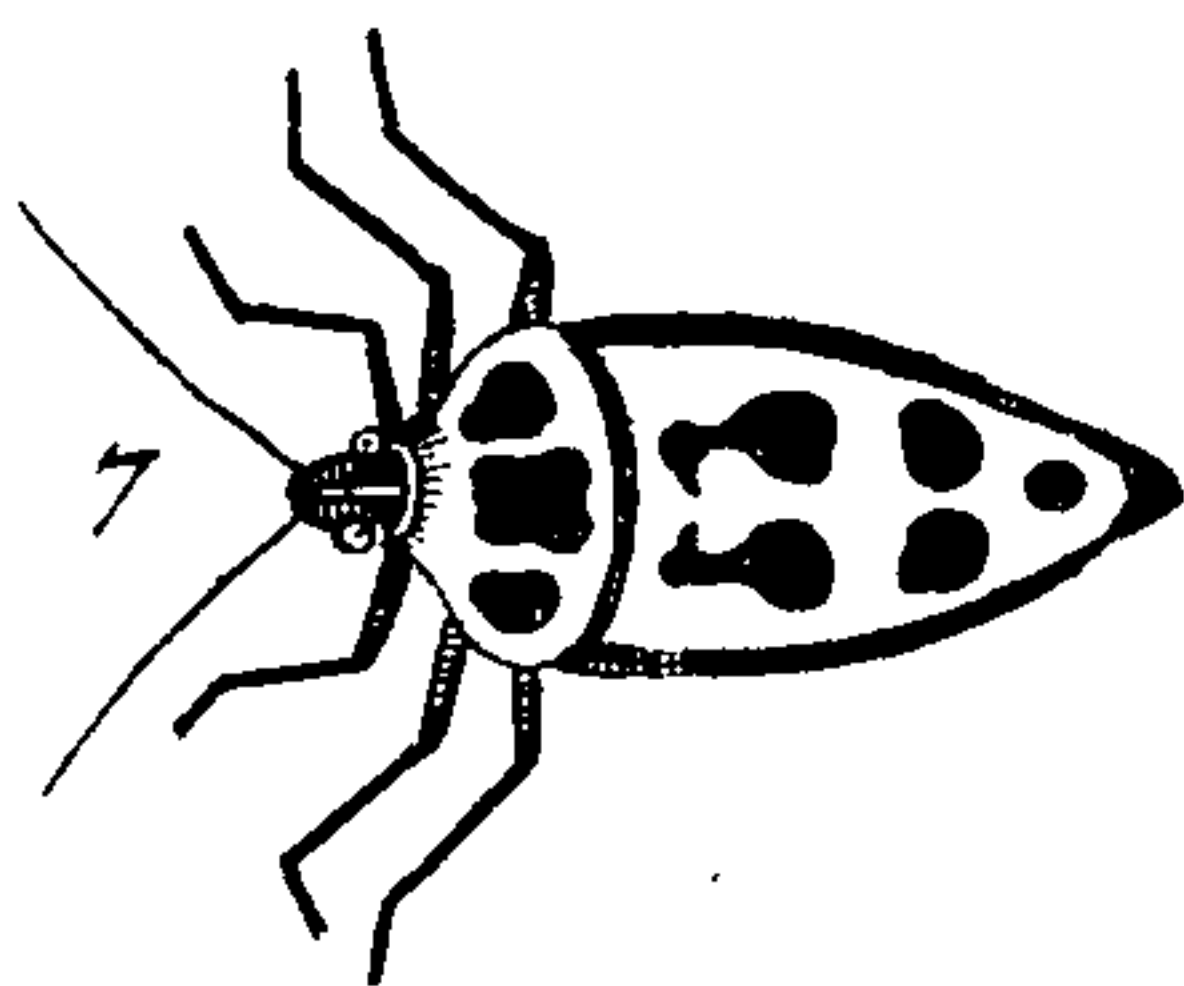
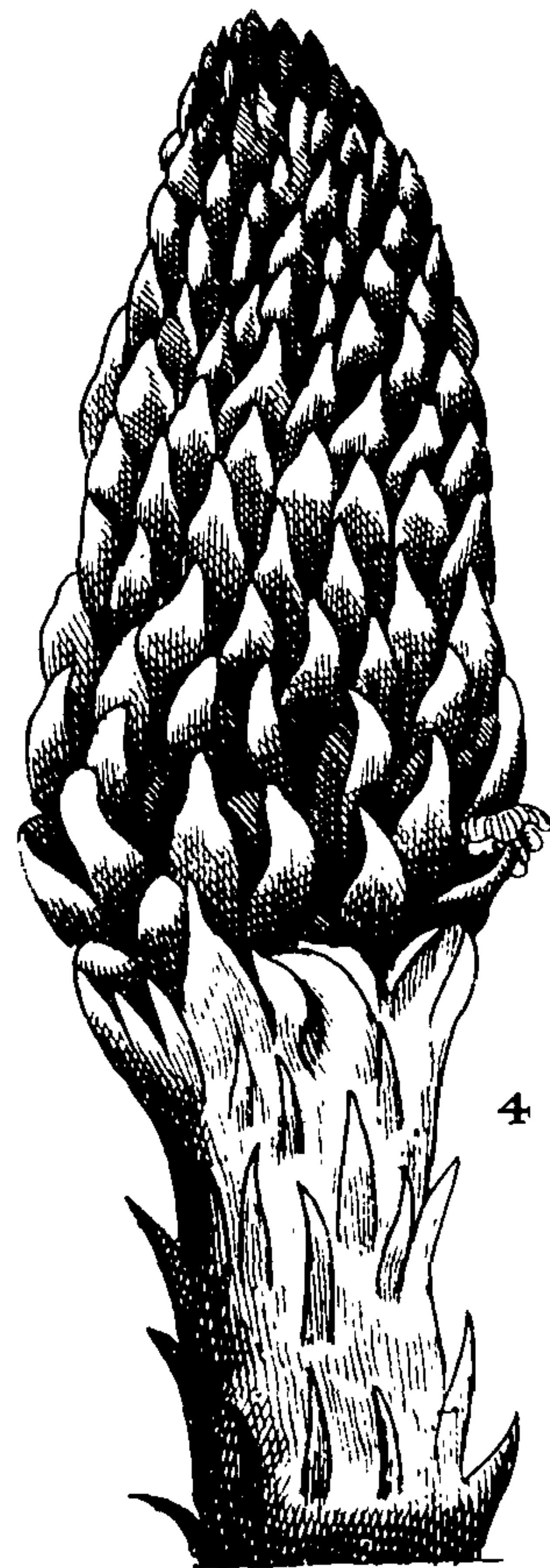
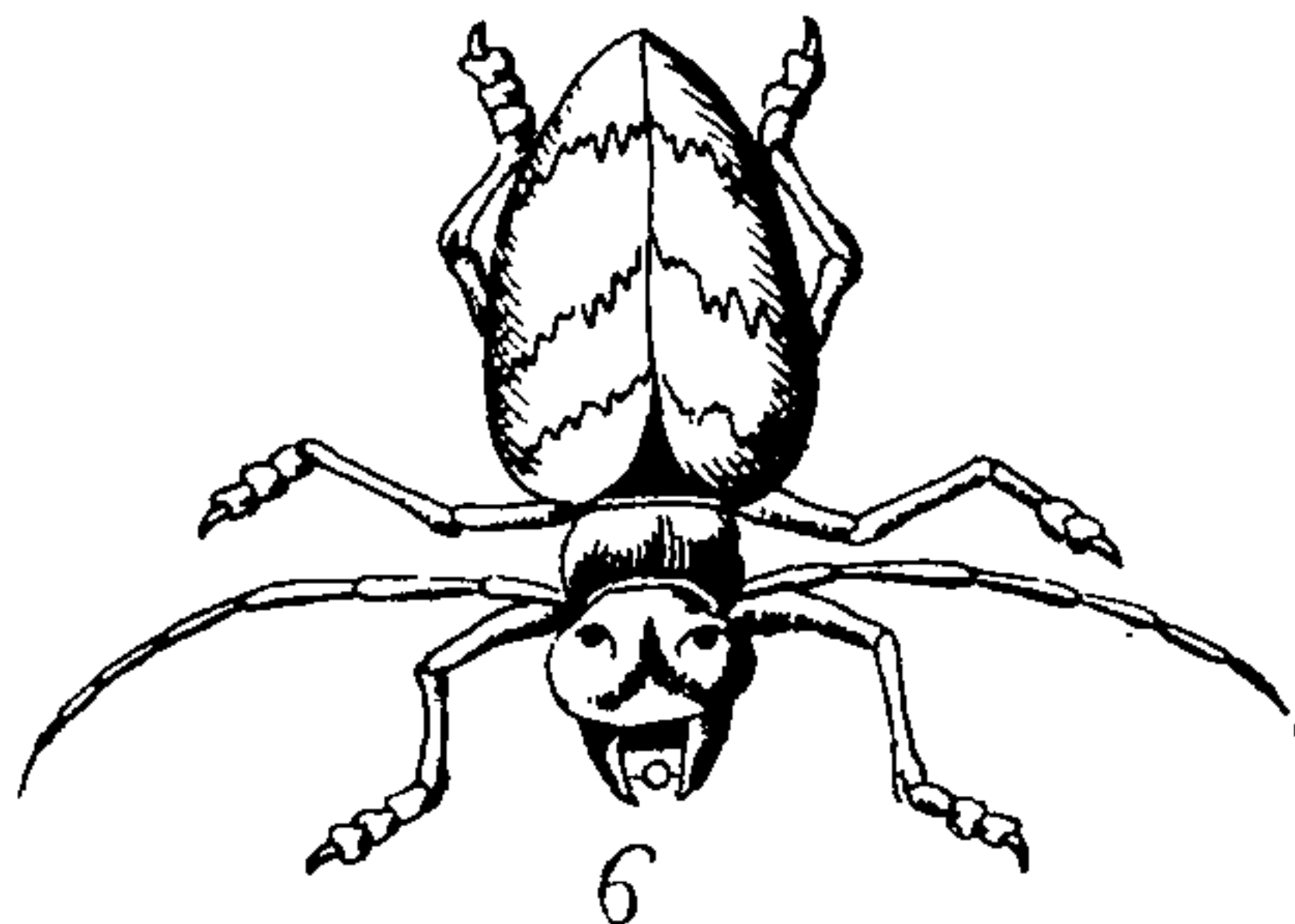
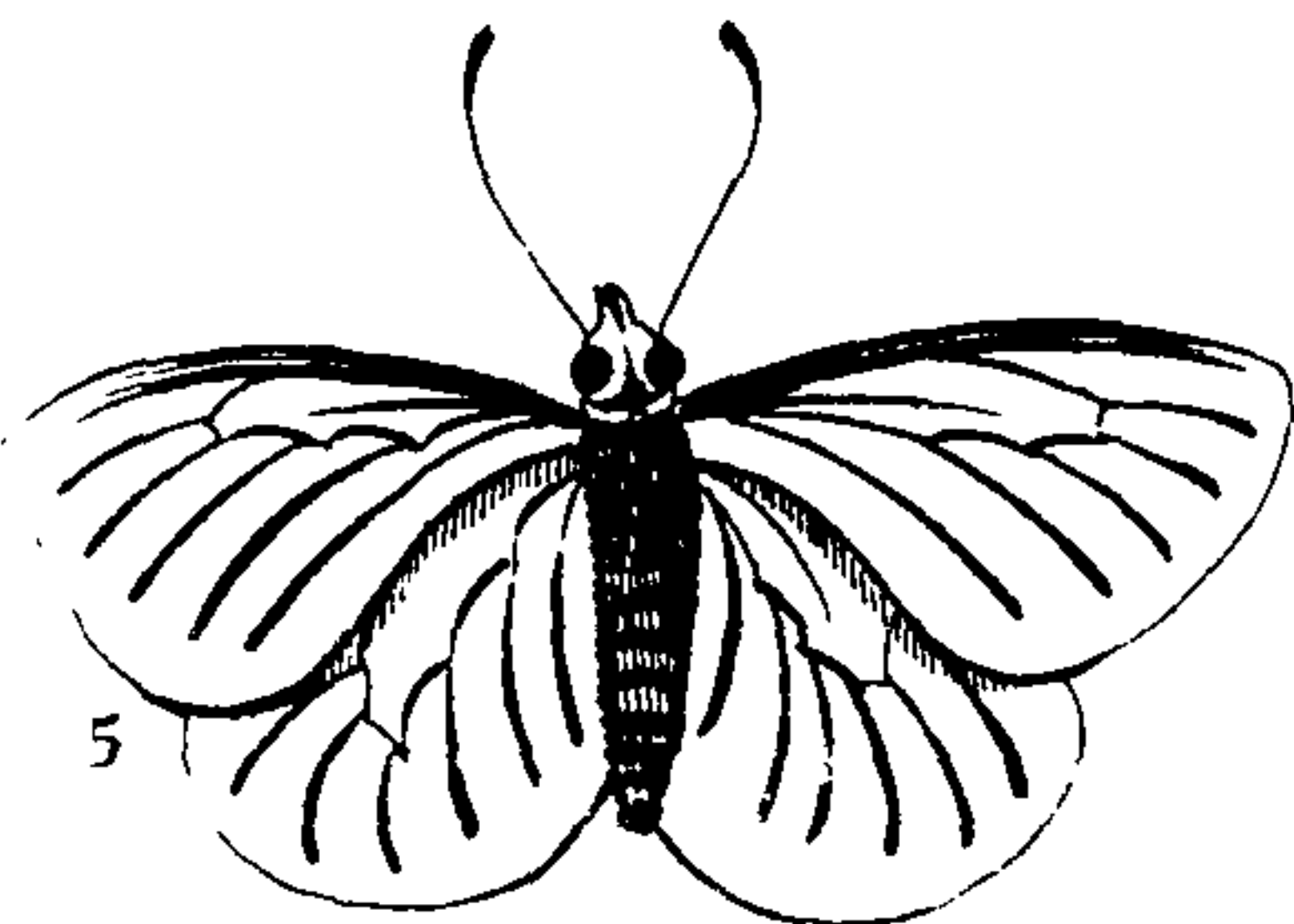
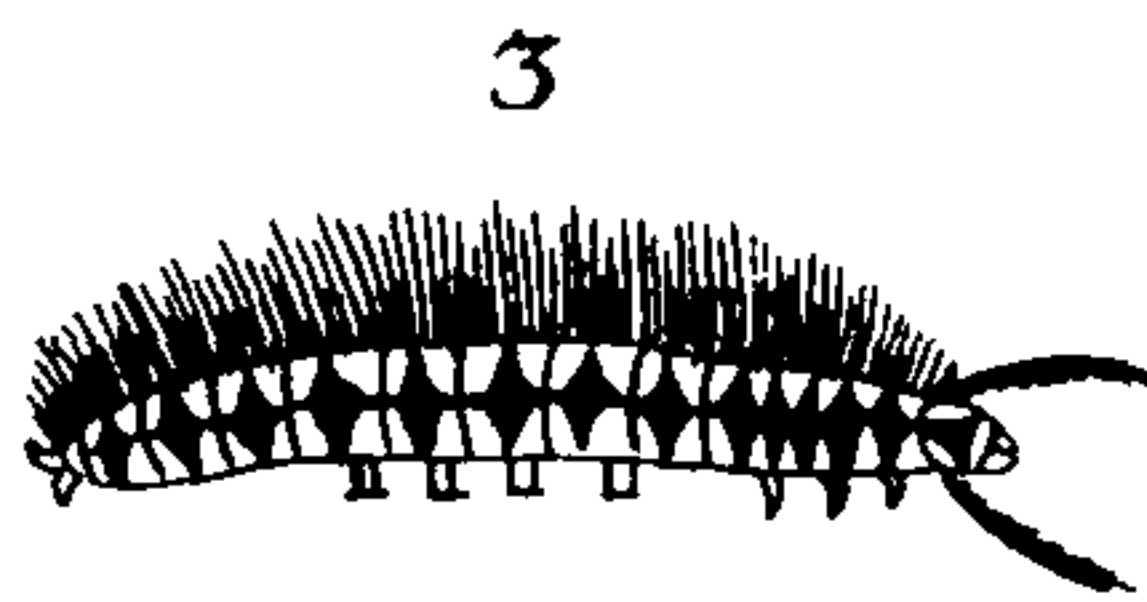
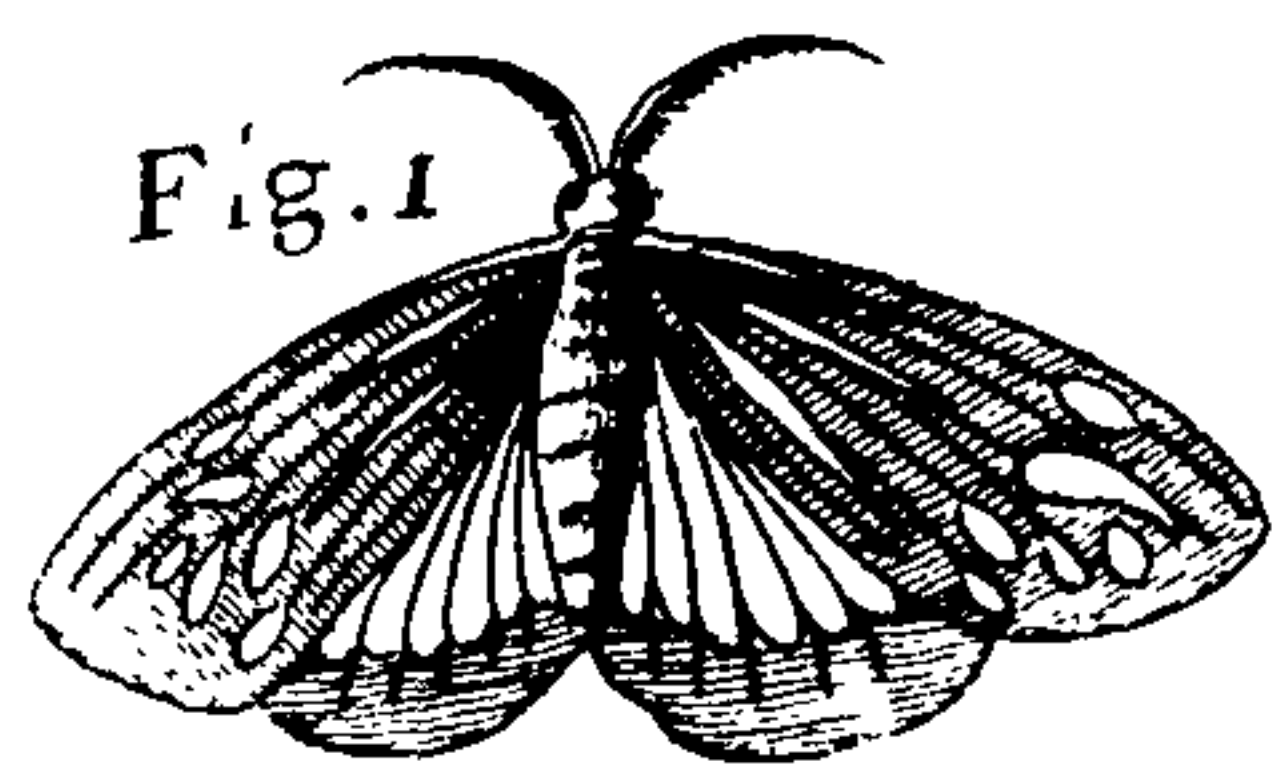
9. *Curcuma Officinarum Dale Pharm. 362. 5. Kamel Ray II. Pl. Vol. 3. app. 23. xi. The true Turmeric.* For its Synonyms I refer you to Mr Dale, and its Native Names and particular Virtues, to F. Kamel, who adds, that tho *Attholus, Cordus* and others, have made them to differ in their Roots, viz. Round and Long, yet they are both the same, the 1st, the Mother or Tuberous Glands, the Long only its offspring.

10. *Nucleus tetragonus GUINEENSIS, basi foraminosus.* Its of a Woody substance with capillary Veins, has at the bottom 2 large holes near the length of the Fruit

11. *Nux LUZONICA* sulca zonâ pallidâ. I received this amongst some other Fruit, Shells, &c. from F. Kamel and by his description it seems to be the Kernel of the Arbor Bigaa, Ray II. Pl. V. 3. app. 61. 3.

12. *Cerambix LUZON minor atratus & striatus.*

13. *Spartium MAURITANICUM,* fl. albo monochromos. This in Arabic they call *Rorum,* I take it to be the same that I have once received from Gales, viz. the *Spartium* of Hippocr. Chap. Hipp. 207. Fig. & Hist. 103. Fig. which the Spaniards call *Retama*



GAZOPHYLACII NATUR. & ARTIS, TAB. XXXVIII.

† FIG. 1. Nux GUINEENSIS, nucleo Moschatæ similis.
The Shell of this is thick and brittle, in shape like the Kernel of the Nutmeg, which is the part we use, the Kernel of this within, is the colour of Palm Oyl, and the consistence of Suet.

2. Phascolus JAMAICENSIS, niger, compressus, circa hilum albus, an Phascolus maximus perennis, semine compresso lato, nigris maculis notato, Cat. Pl. Jam. 66. *There are Beans in I. B. V. 1. L. 17. p. 267. and 8. resembling this but not exactly.*

3. Nucleus LUZON. Dactyli facie, fere trispermus.

4. Nucleus LUZON. Cylindraceus, sulcatus, extremitatibus punctatis. *This and the last are 2 very odd Fruits, both which I received from Fath. Kamel.*

4711 5. Scarabæus arboreus LUZON, 3. seu subplanus sublustris luride æruginose maculosus Kamel Mss. *This is next of kind to our Table 23. Fig. 12. and Tab. 26. 9. This Insect and the following I have received from him, since the Manuscript he sent me, which I intend e're long to publish.*

6. Scarabæus arboreus LUZON. 2. f. luteo-fuscus, tenuiter striatus Kam. Mss. *Our Blacken-clock Figured Tab. 22. 4. is like this, but less.*

7. Ægilops MAURITANICA, aristis longioribus hinc Hort. Sicc. Petiver. A. 37. Ray H. Pl. V. 3. app. 241. *This the Moors call Khortaam, and flourishes in May. Its Description, with the 2 next and Fig. 12. I hope suddenly to give you, with some others from the same place.*

8. Sanamunda forte MAURITANICA, fl. luteo. *It Flowers all Winter and Seeds in March. the Natives call it Mittinaam, which Mr Jezreel Jones tells me signifies strong, perhaps from its Bark, of which they make Cords and Ropes, as we do of Hemp.*

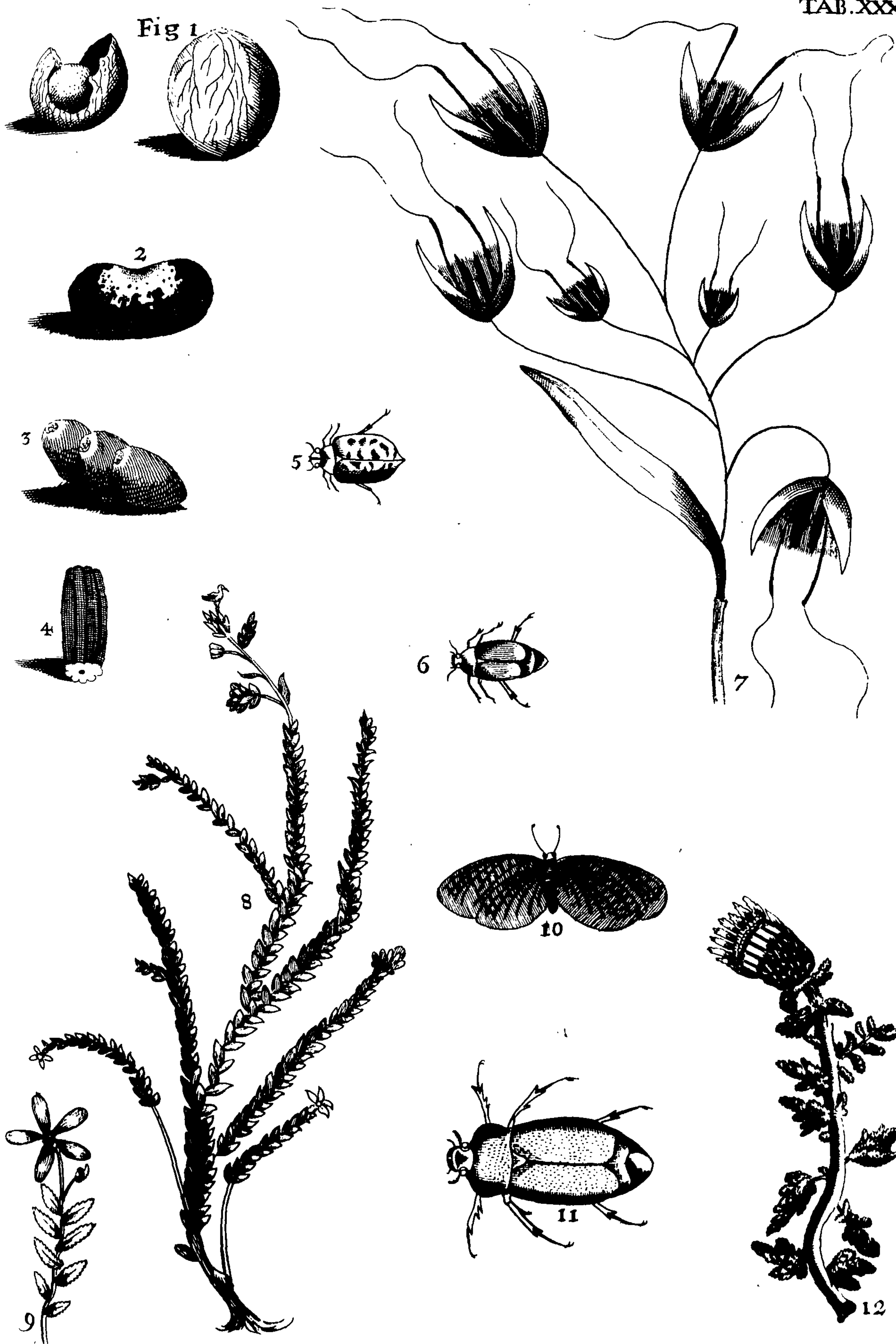
9. Chamæcissus forte MAURITANICA, luteus, foliis parvis serratis. *From a Fibrous Root it sendeth up a stem 3 inches high.*

✕ 10. Papiliunculus LUZON. cœrulescens, subtus undis striatus.

11. Scarabæus arboreus LUZON. sublustris punctatus Salibamban & Salagabat Indis. *This Father Kamel sent me amongst his other Designs, but I have not yet received the Insect from him.*

12. Carlina forte MAURITAN. fl. ex albo sanguineo. *The Natives call it Tickuntoos. It Flowers in April. The Roots are of a very hot taste, and by them much used in Powder and Conserve, to heat the coldness of the Stomach.*

Fig 1



To Mr. FRANCIS MOULT, Chymist. This Table is
humbly dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATUR. & ARTIS. TAB. XXXIX.

FIG 1. Baccifera planta perpumila MAURITANICA. This grows in Rocky Mountainous places, and is by the Moors called Fox-grapes.

2. Dracunculus volans Looganus, ex sicco desumptus. This seems to differ from that I have mentioned in my Museum No 119. in being speckled, and having 6 ribs in each Wing, ours having but 4, and instead of little spots is largely varved with dark brown.

3. Ficoides fontè MAURITAN. perexigua. The Natives call this Lowon.

4. Papilio LUZON. fuliginosus, oculatus & undulatus. Besides its dull colour this is distinguished by having 6 Eyes in each lower Wing.

5. Papilio LUZON. fuscus minor, ter varie bioculatus. The Eyes in the Wings of this Fly are peculiarly placed.

6. Eruca LUZON. multicolor. Eruca Malvæ hortens. polymita, glabra, albo, fusco, nigro & flavo tessellatim variegata Kamel Mss. This changed into a Chestnut Chrysalis Fig. 7. the 19th of Feb. which produced the 3d of March, a variegated Moth like Dr Lister's No 92.

7. Chrysalis ultimæ Erucæ.

8. Fungus MAURITANICUS verrucosus ruber, succo sanguineo. Turtooths Bargasham Indigenis. It grows a foot high, of a dark red but paler below.

9. Locusta echinata impennis è CHUSAN. I am obliged to Mr J. Cuninghame for this odd Insect, which somewhat resembles the Locusta-talpa Tab. 13. Fig. 7.

10. Rottang LUZON. vulgaris. Fructus peregrinus squamosus 3. Clus. Exot. 24. Fig. 2. I take this to be the Fruit of the common Rottang, which I have given the Synonyms of, &c. in my Unaneercoonda Collection of Plants in A& Phil. No 244 p. 326. pl. 27. F. Kamel hath sent a Description of it, vid. Ray H. Pl. V. 3. app. 19. 3.

10. 1. Officulum Ejusdem. This Stone is horny, the Meat white and slimy, of a grateful sower, chewed quenches Thirst, a Tea or Decoction of it refreshes Feverish Persons, and is effectual in heat of the Reins.

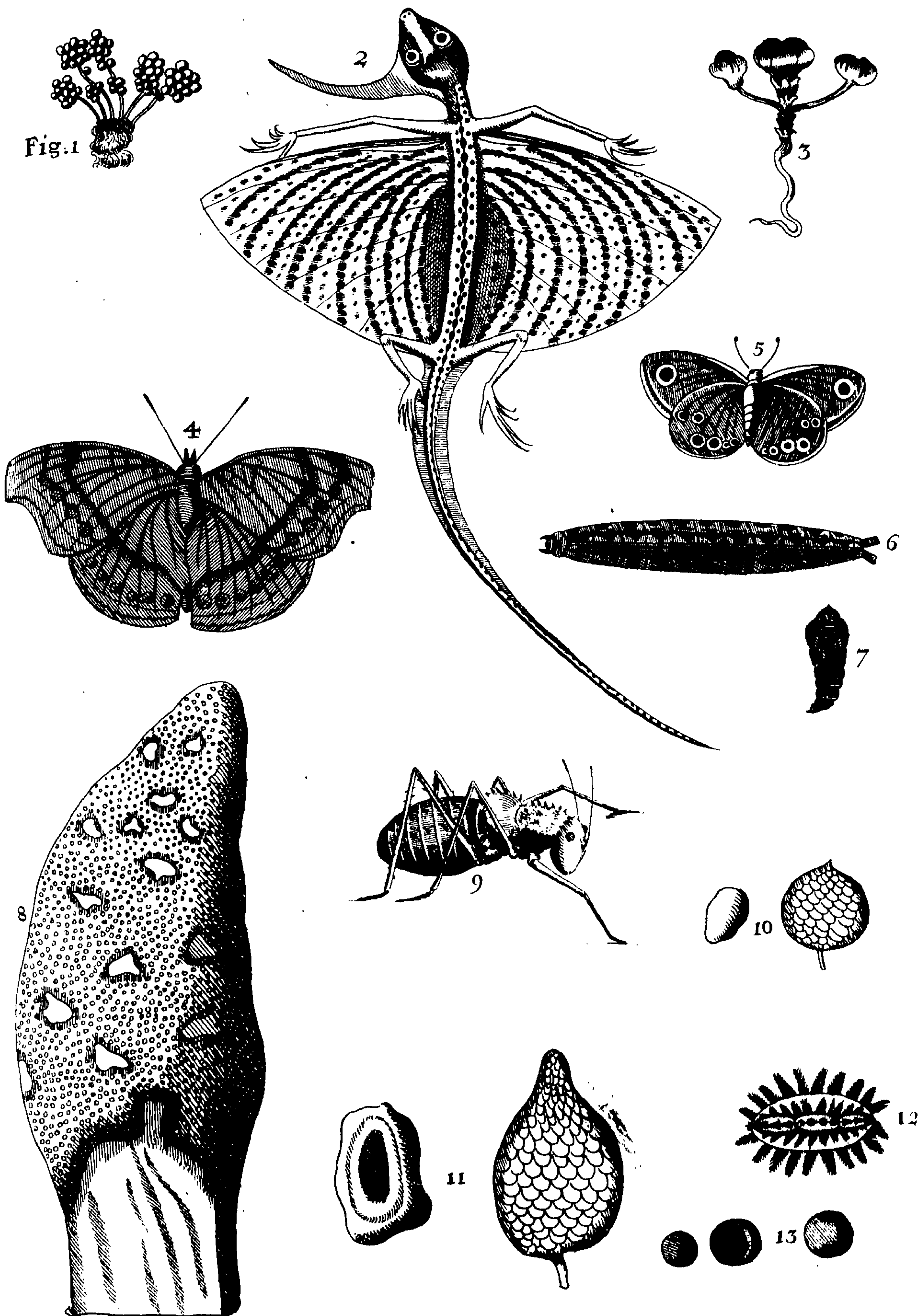
11. Rottang LUZON. fructu pyramidali majore Labnit Kamel. Ray H. Pl. V. 3. p. 19. 4.

11. 2. Its Kernel which is also edible, is of a Tart Sweetness.

12. Eruca LUZON. radiata, s: pilis plumosa. Eruca ardens Basul Kam. Mss. The middle of the Back is yellow, spotted with black, the Body green, from whence and its sides, comes 20 hairy Feathers, it feeds on the Rose. This is a very odd Caterpillar, and its Cossin as strange being globular.

13. Aurelia LUZON. globosa fusca. It's about the bigness of a Pea, and is the Cossin of the last Caterpillar, into which it changed the 17th of January and the 18th of Feb. following produc'd a small brown Moth, like the 2d in Aldrovand de Insect. his 10th Table.

Fig. 1



To the Honourable ISAAC NEWTON, Esq; President
of the Royal Society. This Table is humbly dedicated
by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XL.

FIG. 1. Globularia MAURITAN. caule folioso. *Tu-
solkha Maurit. It Flowers in March.*

2. Kali forte MAURITAN. polyspermos.

3. Phalæna BENGALENSIS fusco & diaphano mixta.
*This elegant Moth was caught Decemb. 1701. in the Bay of
Bengall, by Mr Henry Smith, a Person I am obliged to for
several new and Curious Insects he met with at sea in that Bay
and the Streights of Malacca.*

4. Papilio MADRASPATAN. croceus, nigris macu-
lis aspersis, albisque serie marginatus Mus. nost. 721. *The
Madras Fritillary.*

5. Matricaria MAURITAN. pumila. *It Flowers in April.*

6. Culex LUZON. e viridi fusco. *Musca rostrata seu
Musca-Papilio Arbor Lanette Kam. Mss. Insect. I take
this to be of the Gnat kind by its make, and motion in Flying,
which is very swiftly up and down.*

7. Cimex LUZON. oblongus è nigro & fusco, humeris
echinatis. *Musca Tympanista, s. Formica-Culex Kam. Mss.
This and the last frequent the Lanette Tree, described by Mr
Ray in the Appendix to his 3d Volume, pag. 89. 18. I have
observed one or two of this Genus of Insects in England, tho not
Spinose.*

8. Aloes forte MAURITAN. pumila, foliis glaucis.

9. Yguana LUZON. edulis, capite cœrulescente. *Ca-
gasagam vel Layagan Indigenis. It agrees with the Yguana,
commonly called Guana in the West Indies, in being fund on
the back, and edible. The Crest on its head is fleshy and red like
a Cocks-Comb. Father Kamel has sent me an accurate De-
scription of this, with several other Lizards, and also Ser-
pents, Frogs, Turtles, &c. which e're long shall be publish'd.*

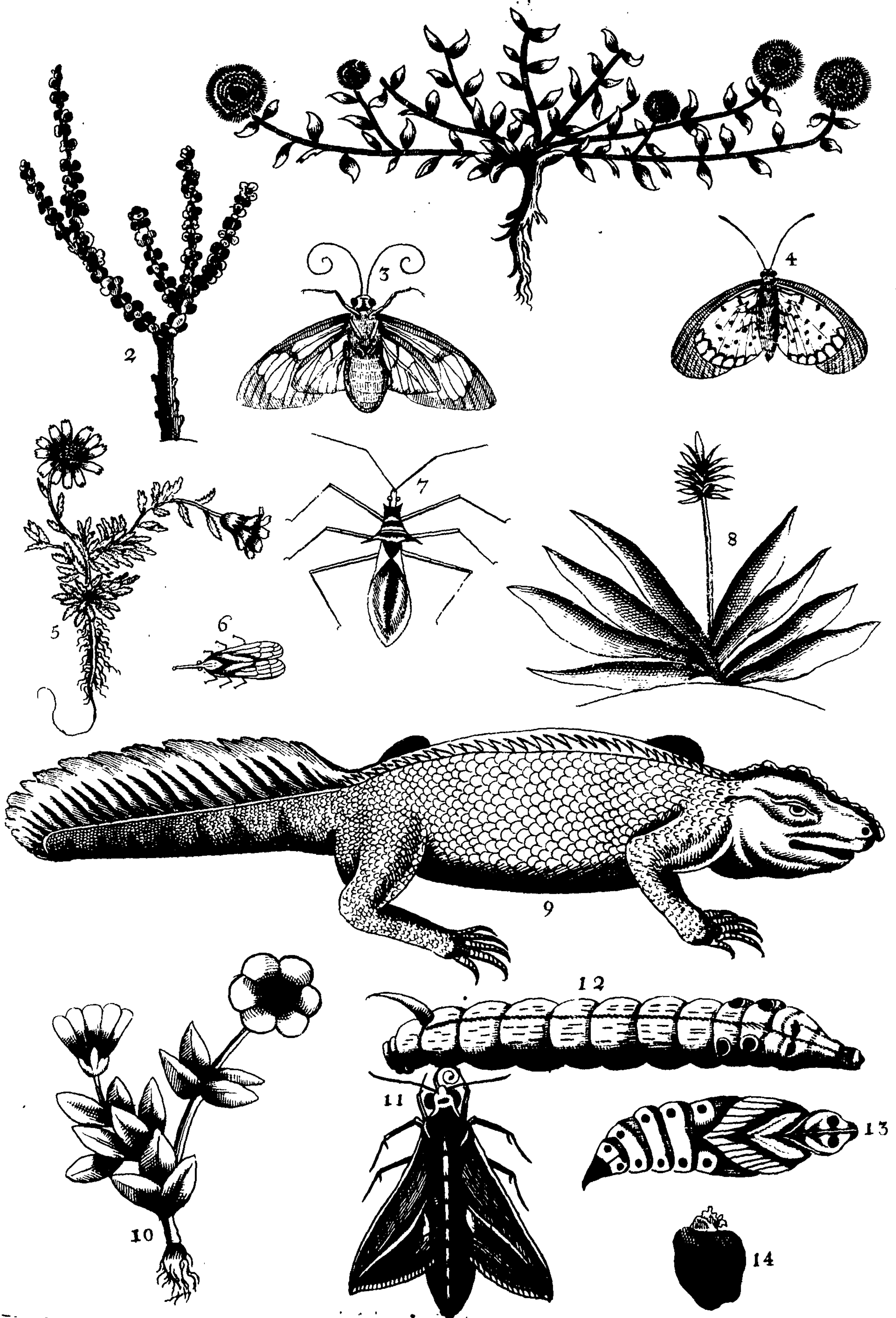
10. Convolvulus forte MAURITAN. fl. cœruleo, fundo
luteo. *It Flowers in May.*

11. Phalæna Accipitrina LUZON. pulchra, variis co-
loribus ornata. *This was hatcht in a fortnight from the Au-
selia or Coffin at Fig. 13.*

12. Eruca Elephantina LUZON. virescens maculis 4.
flavis oculatis. *This Caterpillar eats the great Philippine
Arum called there Bign, It's described by Mr Ray in his H. Pl.
Vol. 3. app. 35. 1. Whose Figure I shall give in my 2d Volume
of Decades. I find this, tho a biting Plant, a peculiar Food to
2 or 3 of these horned Caterpillars; before this changed into
Fig. 13. which was Feb. 14. it turned from Green to Reddish,
and on the 28th broke out into the Moth above.*

13. *This is the Auselia, Chrysalis or Coffin of the last Cat-
terpillar, viz. a middle state between it, and the Moth Fig 11.
which is the Insect in perfection.*

14. Anacardij ORIENTALIS officinarum Fructus.
*This is the dry Fruit of the true Anacardium, hitherto very
rarely to be met with in our Druggists Shops. I first re-
ceived it from Persia, where they use it in dying their Chints
or Calicoes, which Christ. Acosta & Garcias ab Horto con-
firm. I have obtained Specimens of its Leaves and Flowers,
which shall be Figured in my future Decades.*



To Sigs. JOHN FRANCIS VIGANI, Professor in Chy-
mistry. This Table is humbly dedicated by JAMES
PETIVER, F. R. S.

GAZOPHYLACII
NATURÆ & ARTIS
DECAS QUINTA:

In quâ ANIMALIA, FOSSILIA, PLANTÆ,
Omniaque Rariora ARTE producta

DESCRIPTIONIBUS brevibus, & ICONIBUS illustrantur.

A JACOBO PETIVER, Pharmacop. LONDINENSI,
& REGIÆ SOCIETATIS Socio.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XLI.

FIG. 1 *Cimexoides LUZONIS* Hortensis, ex viridi, flavo, albo, nigro & rubro, eleganter depicta. This feeds on the Lupine leaved Malabar Rattle-Broom.

2. *Scarabeus pectenarius LUZON.* merè vividis. The Inhabitants call this Ticpaclong, its of a pale shining green, and is of our Dor or Tree Beetle kind, having Horns, when expanded, resembling a Comb. The next with this, Father Kamel sent me amongst other Curious Insects.

3. *Cochinella LUZON.* major è cupreo viridique eleganter striata. This is a very elegant Beetle, each Rib alternately streak'd with a changeable green and copper lustre. The Curious Mr Charles Du Bois gave me some years since a lesser of this, since which my kind Friend Mr Jexreel Jones hath brought it me from Lisbon.

4. *Jacobaea MAURITANICA* Coronopi folio. It Flowers in March.

5. *Musca tricornis LUZONICA.* The Head and Body of this is black, the last mixt with white, it hath a dancing Flight like our Gnats.

6. *Cimex LUZON* omnino viridis. I take Fig 1. to be the Hexapode of this Lupine-Rattle Bug.

7. *Nodiflora MAURITANICA* foliis verticilli modo serratis. It's found in Barbary amongst Rocks and Stoney places and heads in February.

8. *Amomum legitimum Kameli.* You may see a large and accurate Description of this in the Dendrology of Mr Ray's 3d Volume of Plants, p. 89. These Seeds smelling pleasantly, the Indian Maidens wear Bracelets of them about their Neck and Arms, mixt with Musk Seed, Job's Tears, Indian Cane, Abrus or Angola Seed, &c.

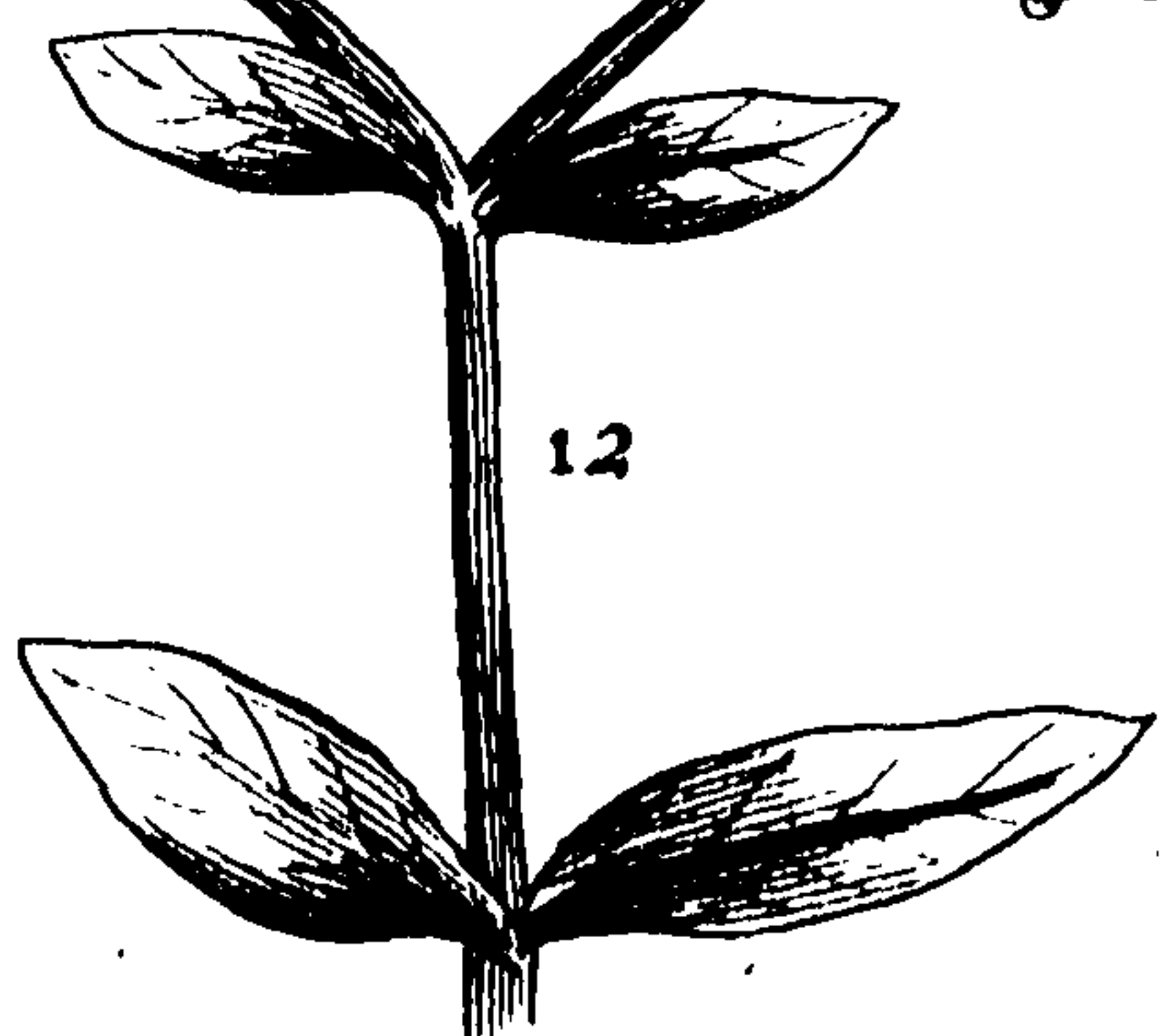
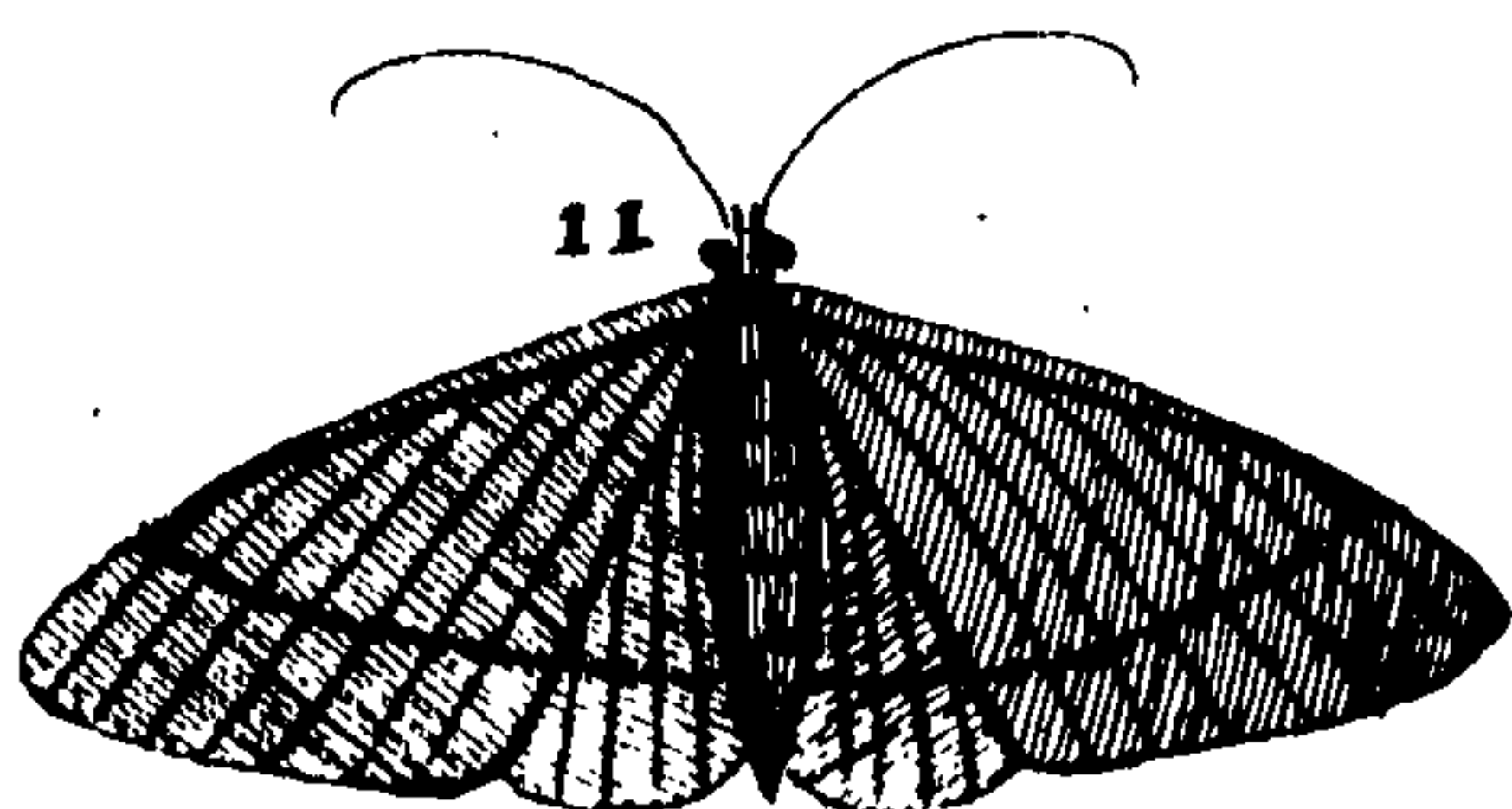
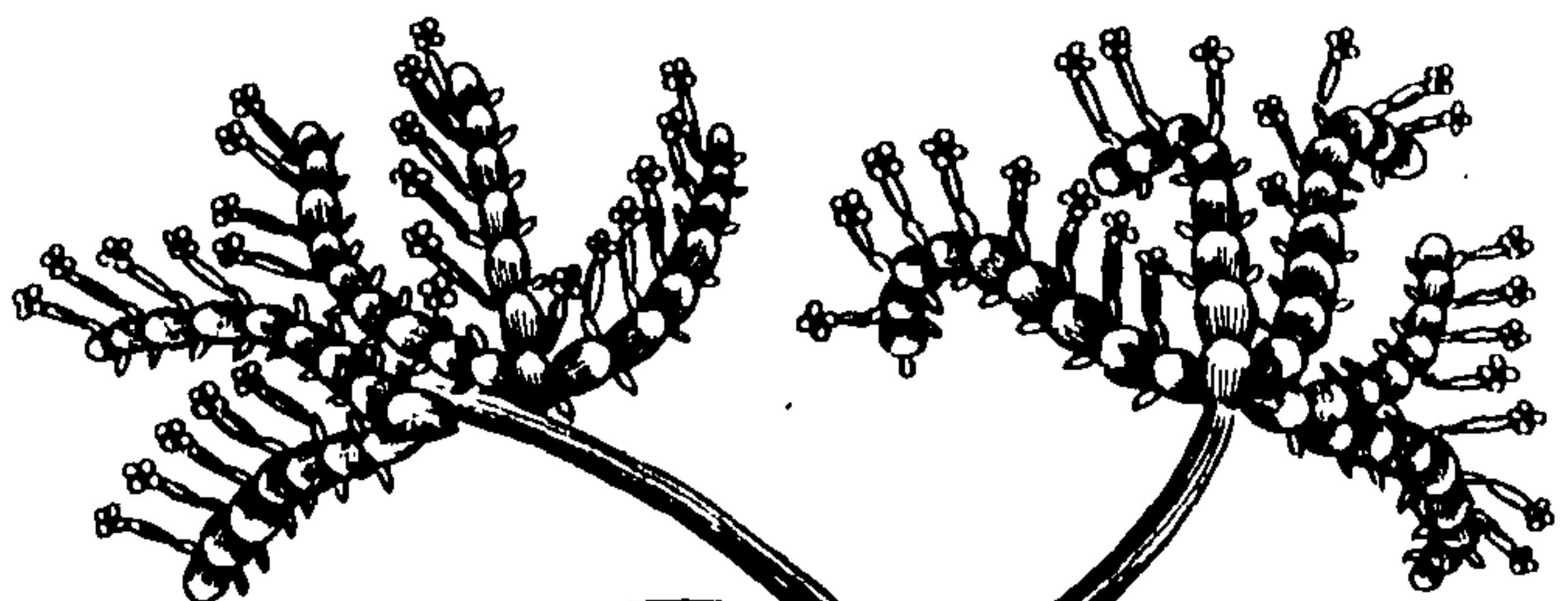
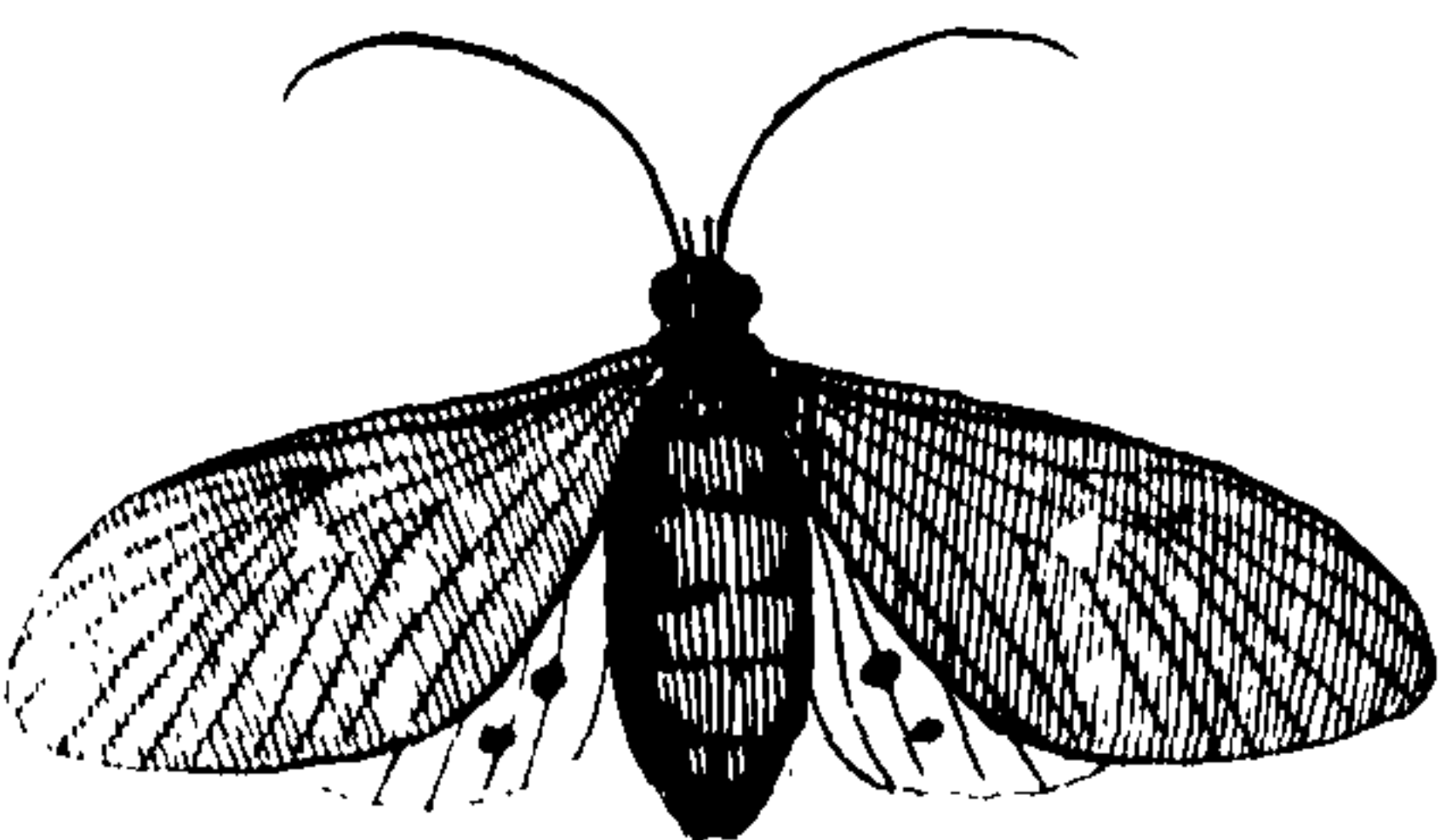
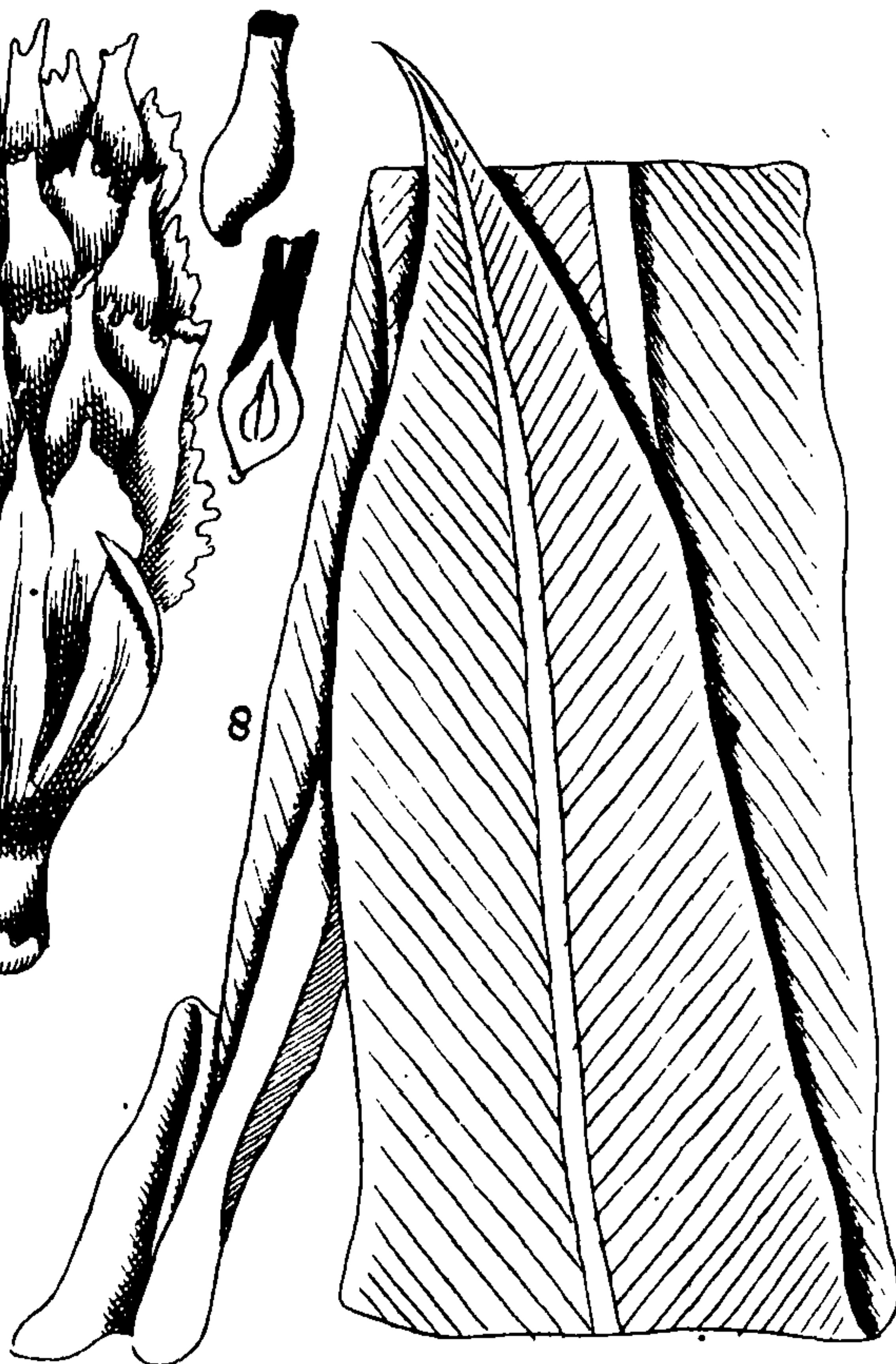
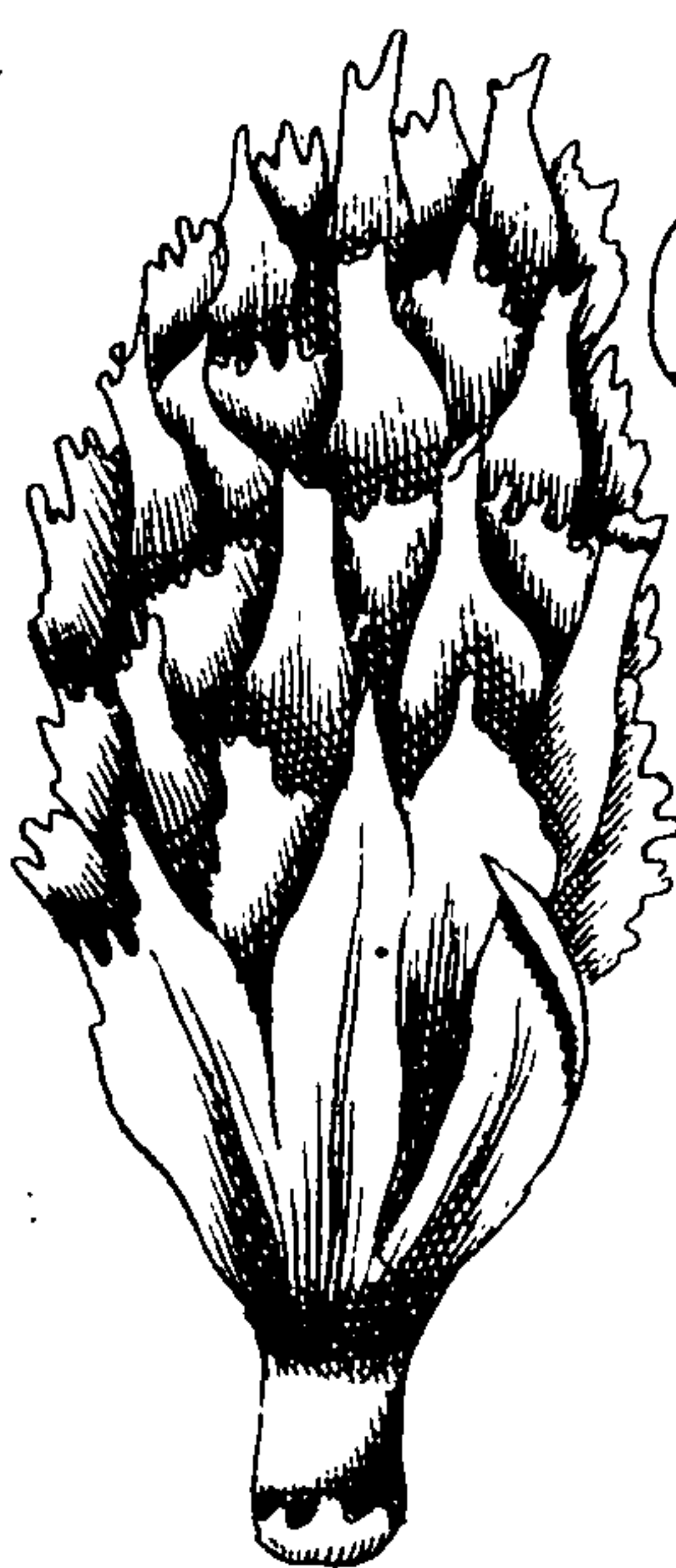
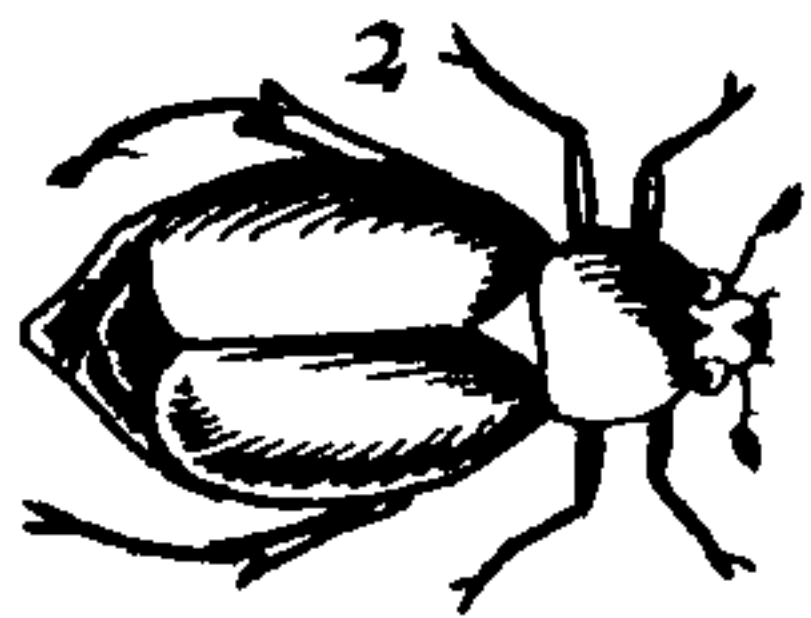
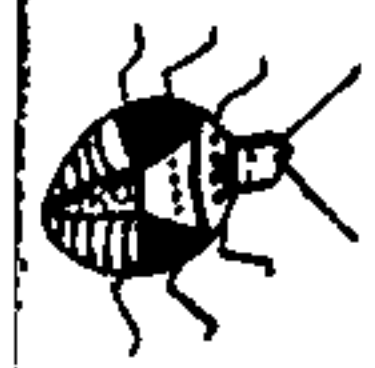
9. *Polygala MAURITAN.* lutea aromatica. This rare Plant, with Fig. 4 and 12. were observed in Barbary, and taken from the designs of an Herbal I have mentioned in Tab. 37. Fig. 4. which our kind Brother Mr John Thorpe, Apothecary, gave me.

10. *Phalena BENGALENSIS*, fulva, maculâ albescente. Mr Henry Smith caught this in the Bay of Bengale, Decemb. 1701. He also observed the same at Malacca the March following.

11. *Phalena BENGAL.* viridescens, linea pallescente. Sent me with the last. To this Gentleman I am particularly obliged for these and several other very curious Insects, he being a person I never yet saw.

12. *Limonium MAURITAN* flore minimo, caule folioso. The Barbary Sea Lavander. It Flowers in May.

Fig: 1



To the Right Honourable THOMAS Lord Viscount WEYMOUTH. This Table is humbly Dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS. TAB. XLII.

FIG. 1. *Pao de Cobra Lusitanis*, i. e. *Snakewood*. *Father Kamel* says this is brought from *India*, its *Bark* is reddish, thin, compact and bitterer than the *Wood*, which is grey and solid, resembling that of *Tamarisk*, vid. *Ray Syllab. Kamel*. p. 88. 6.

2. *Scarabæus peltinarius LUZON. capite dentato*. The *Squill Comber*. feeding on that *Plant*.

3. *Scarabæus LUZON. forcipatus ater*. This gnaws *Trees*. The last and this I have *Samples* of.

4. *Nux biforis in tres dehiscens putaminis partes*. Under this inscription *Father Kamel* sent me its design, with *Fig. 8, 10 and 14*. amongst several other *Fruits*, which you will see in my following *Decades*.

5. *Pilularis LUZON. niger minimus*. *Fig. 2, 3, and this*, were sent me amongst the *Designs of Fath. Kamel's Philippine Beetles*, and since that the *Insects* themselves of the 2 last.

A. 6. *Phalæna Bombylus, parvus, corpore nigro, ano croceo*. This is curiously preserved in *Mr Joseph Dandridge's Collection*, who caught it in *Horsley Wood* in *June*.

7. *Jasmini flore, frutex PHILIPPENSIS, Foliis Floribusque fere ternis. Dicumalaga Luzonensibus*. It grows on the *Sea Coasts*; the *Leaves* smk and taste like *Wormwood*. *Kamel. Syllab. seu Rai Hist. Plant. Vol. 3. append. Pag. 92. No. 46.*

8. *Nux NAICENSIS 2. Setis candidis convestita Fig. 14.* and this *F Kamel* supposes to be *Nuts of Palus*. *Kam. Syllab. Ray p. 46. No 19.*

A. 9. *Musca Apiformis, proboscide porrecta, alis non maculatis*. This differs from *Gaz. Natur. Tab. 36. Fig. 5.* in being somewhat less, the *Wings* without specks but mere clouded on its upper edge. *Mr Dandridge observed this in Cain Wood.*

10. *Nux Moschata oblonga maxime minus Balte*. *Father Kamel sent me this draught, and from him it's described by Mr Ray in his Syllabus p. 58. 4.* Its *Leaves, Kernel and exterior Fruit*, you shall have the *Figures of* amongst the *Philippine Trees with the Male and Female Nutmegs.*

A. 10. A. *Phalæna parva viridescens, corpore fusco* I have as yet seen this *Insect* only in *Mr Dandridge's Collection* Its *brown Body and pale Rim* differs it in the next.

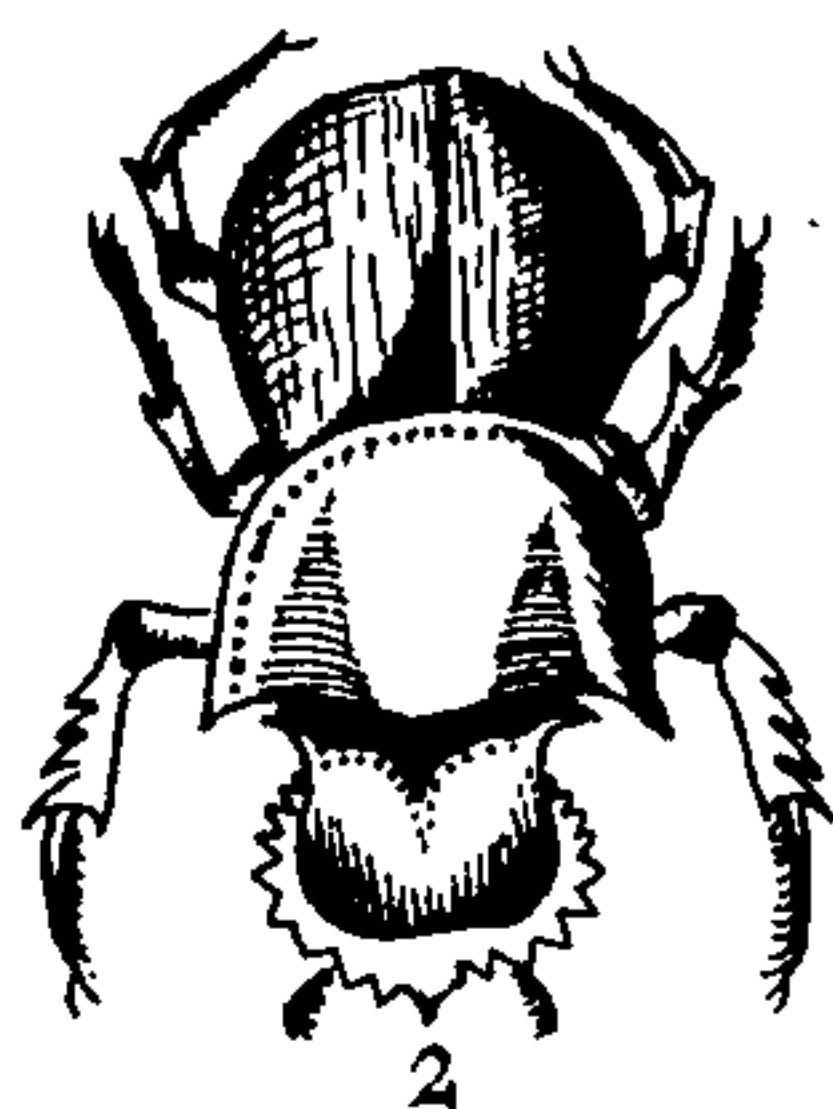
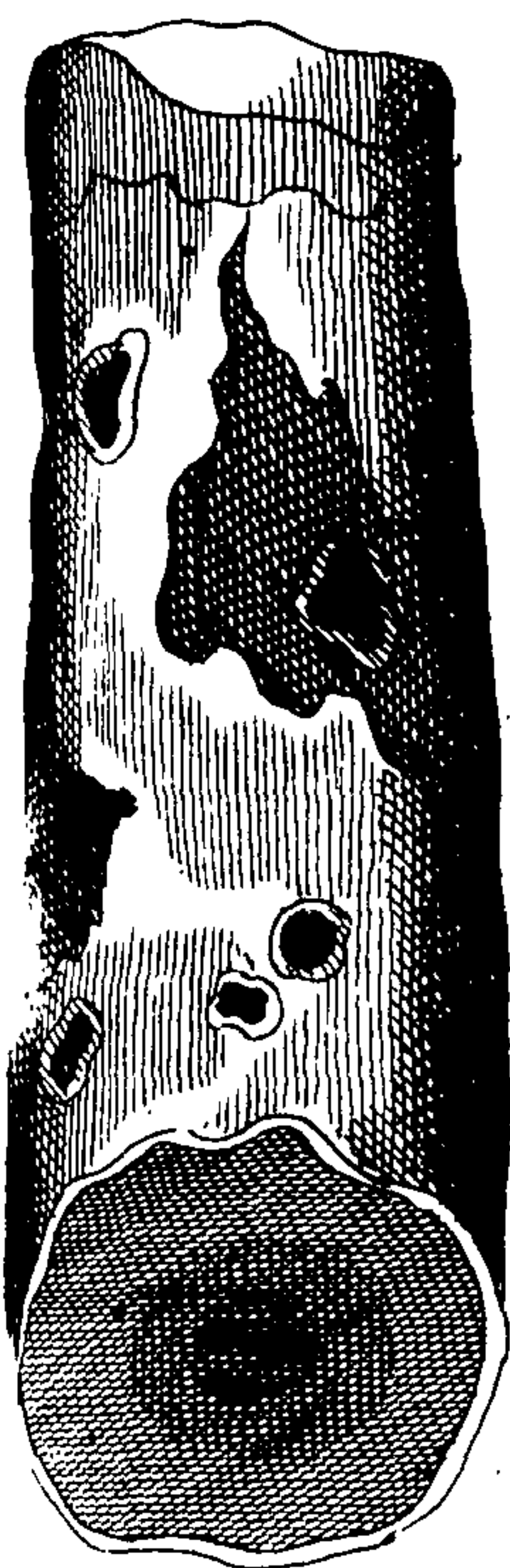
A. 11. *Phalæna parva, viridescens, corpore albescente*. Several of these I have observed in a *Wood* against the *Boarded River* after *Midsummer*.

A. 12. *Aurelia nigrescens Ejusdem.*

A. 13. *Fructa exigua lutea, capite & guttulis nigris*. This is the *Caterpillar* of *Fig. 11.* the *Designs and Observations* of whole changes we owe to the aforesaid *Mr Dandridge.*

14. *Nux NAICENSIS I. Cortice nigro, reticula candida obducta. An Baguidiot Fructu. Alexipharmacus? Kamel Syllab. Ray p. 46. 18. an Fructus reticulato corio costans* *Clasf. Exotic. cap. 11. p. 31. Fig.*

Fig: 1



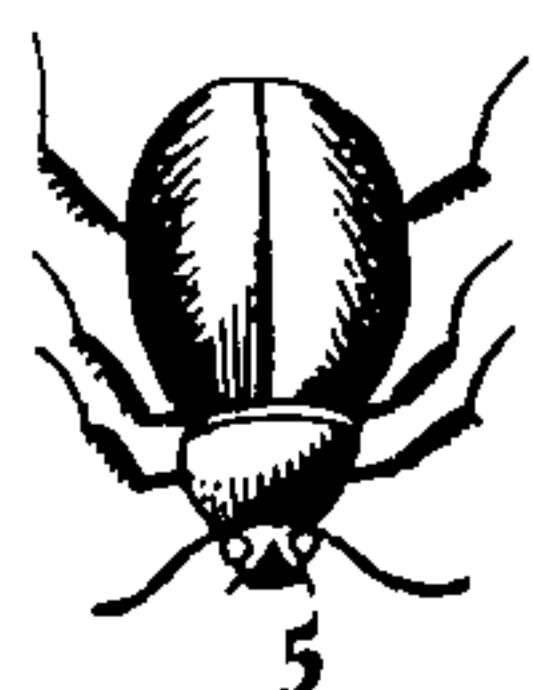
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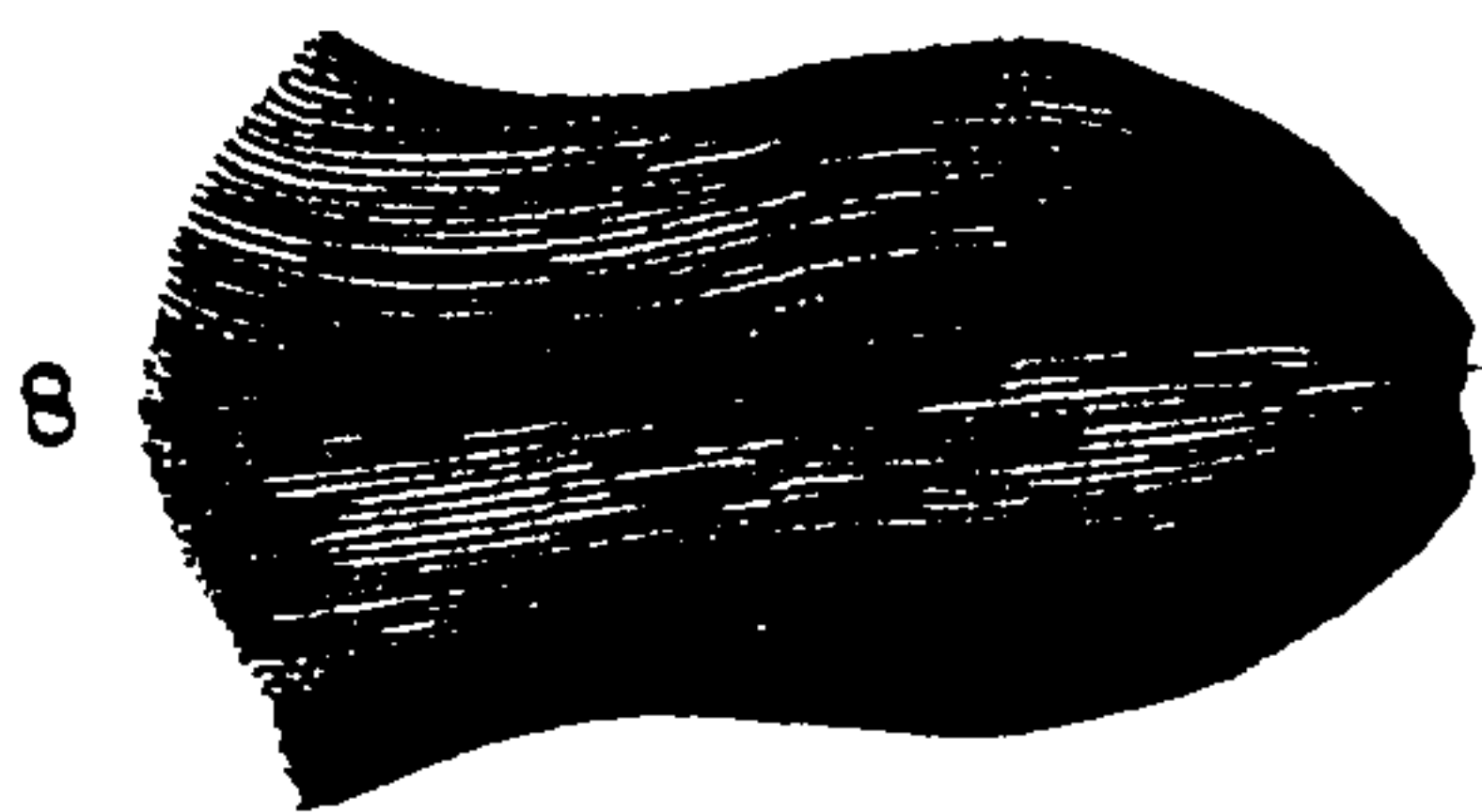
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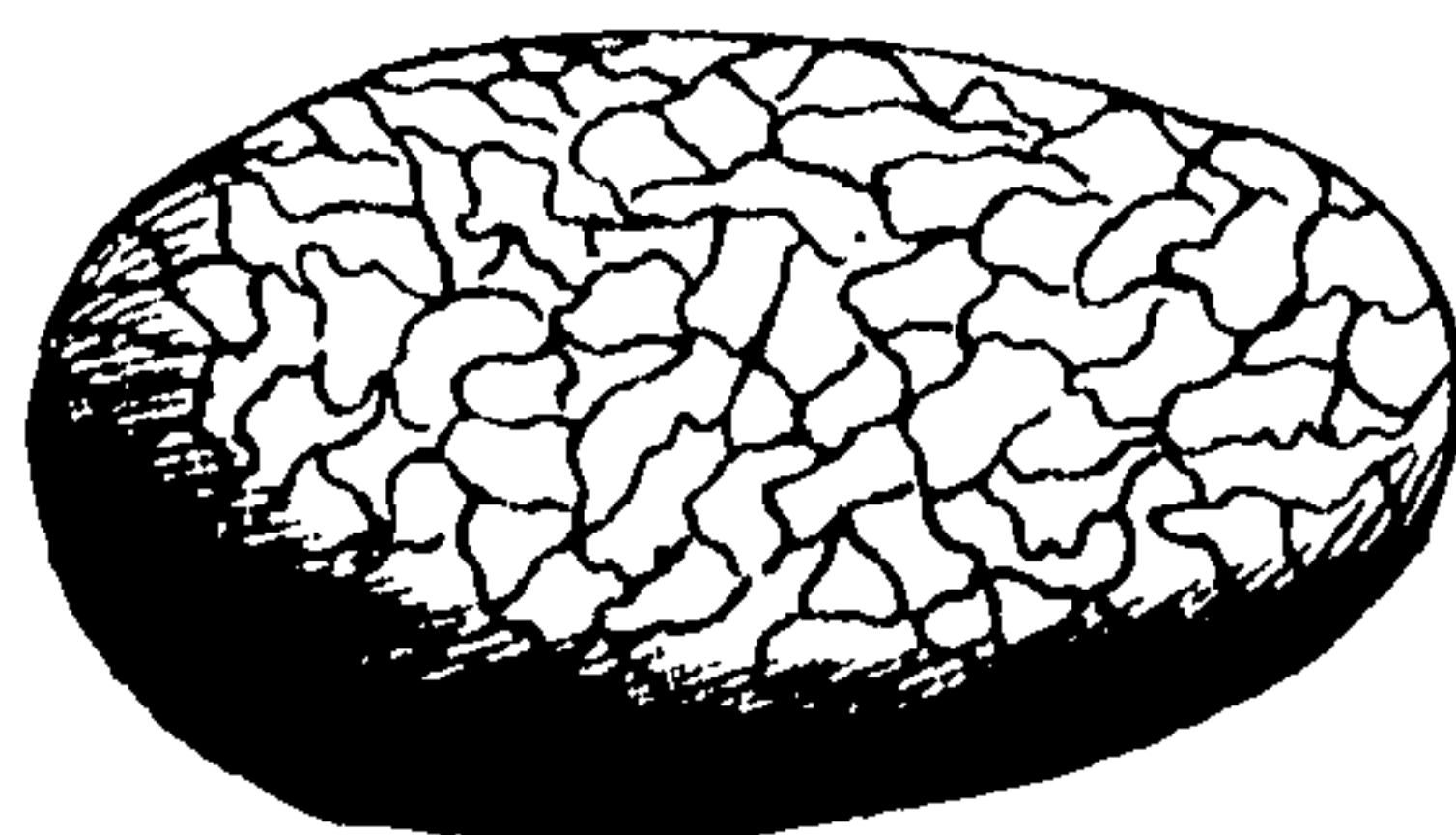
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14



15

To Sir RICHARD BULKLEY, Knight and Baronet.
This Table is humbly Dedicated by JAMES PETIVER.
F. R. S.

GAZOPHYLACII NATURÆ & ARTIS. TAB. XLIII.

FIG. 1. *Umbilicato folio Arbor PHILIPPENS.* Balanti dicta. They commend the Root of this in Fluxes.

Kamel. Syllab. Ray 93. 5.

2. *Platani folio Arbor* Posoposo PHILIPPENS. A middling Tree, its Wood brittle and of little use. Kam. Syll. Ray. 89. 24.

3940. 3. *Phalena LUZON.* ex albo purpureo nigroque eleganter variegato. Its Head and Rump yellow, Back black, and Shoulder Ring white.

4. *Eruca LUZON.* glabra, lineis luteis, fuscis & albis. These yearly feed in great numbers on the *Pancratium minus* after the Rains.

5. *Aurelia ejusdem* This Cossin of the last Caterpillar chang'd about Christmas; and in 15 or 16 days broke out into the elegant *moth* at fig. 3.

6. *Squilla marina LUZON.* major. Indis Manla & Tila. Kamel de Piscibus Molluscis & Crustaceis Philippentibus in Actis Phil. No. 302. 31 where describing its length he means *brachialis*, biuncialis, which better agrees with the Figure: I copied from his design.

7. *Zapotl nigrum.* Jucatanensibus Ulz. This is a very great shady Tree, with thick dark shining Leaves.

8. *Flos aureus pentepetalus Ejusdem.*

9. *Calyx & perianthium Floris precedentis.*

10. *Fructus ejusdem.* The Pulp of this Apple is black or brown, and tastes like a Plumb; but before its ripe it pricks the mouth like *Arum*, It contains 5 or 6 horney Stones. Vid. Kamel. Syllab. Ray Vol. 3. p. 54. pl. 4.

11. *Angola LUZON.* Aceris folio. The brittle Tree. The Natives use the Leaves to procure easy delivery.

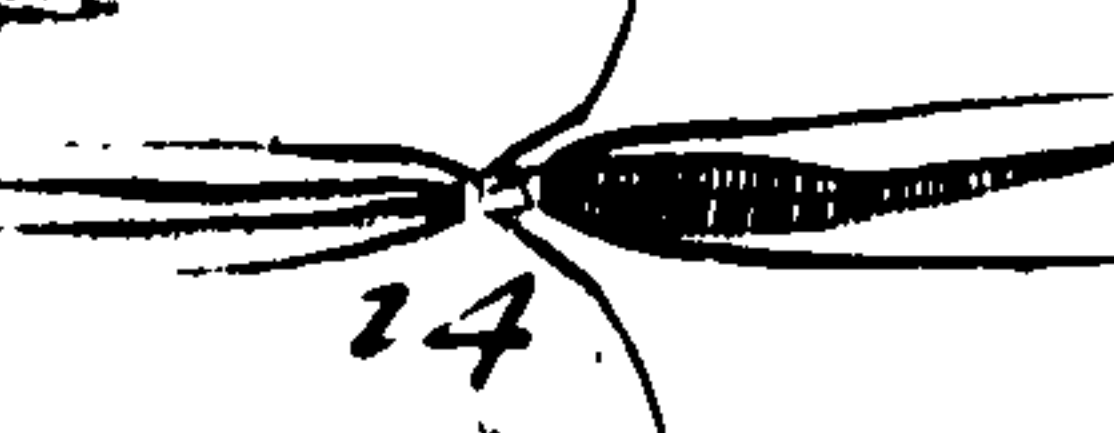
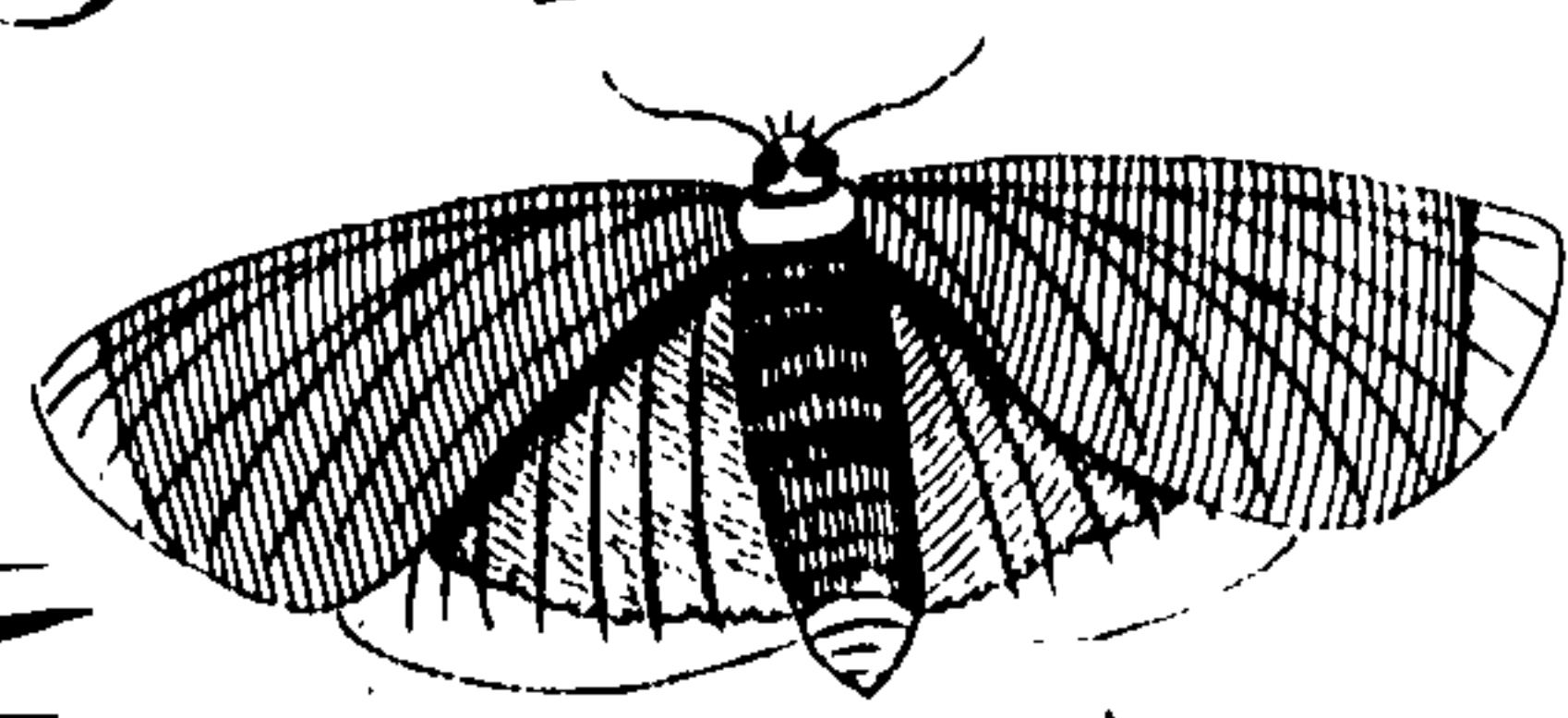
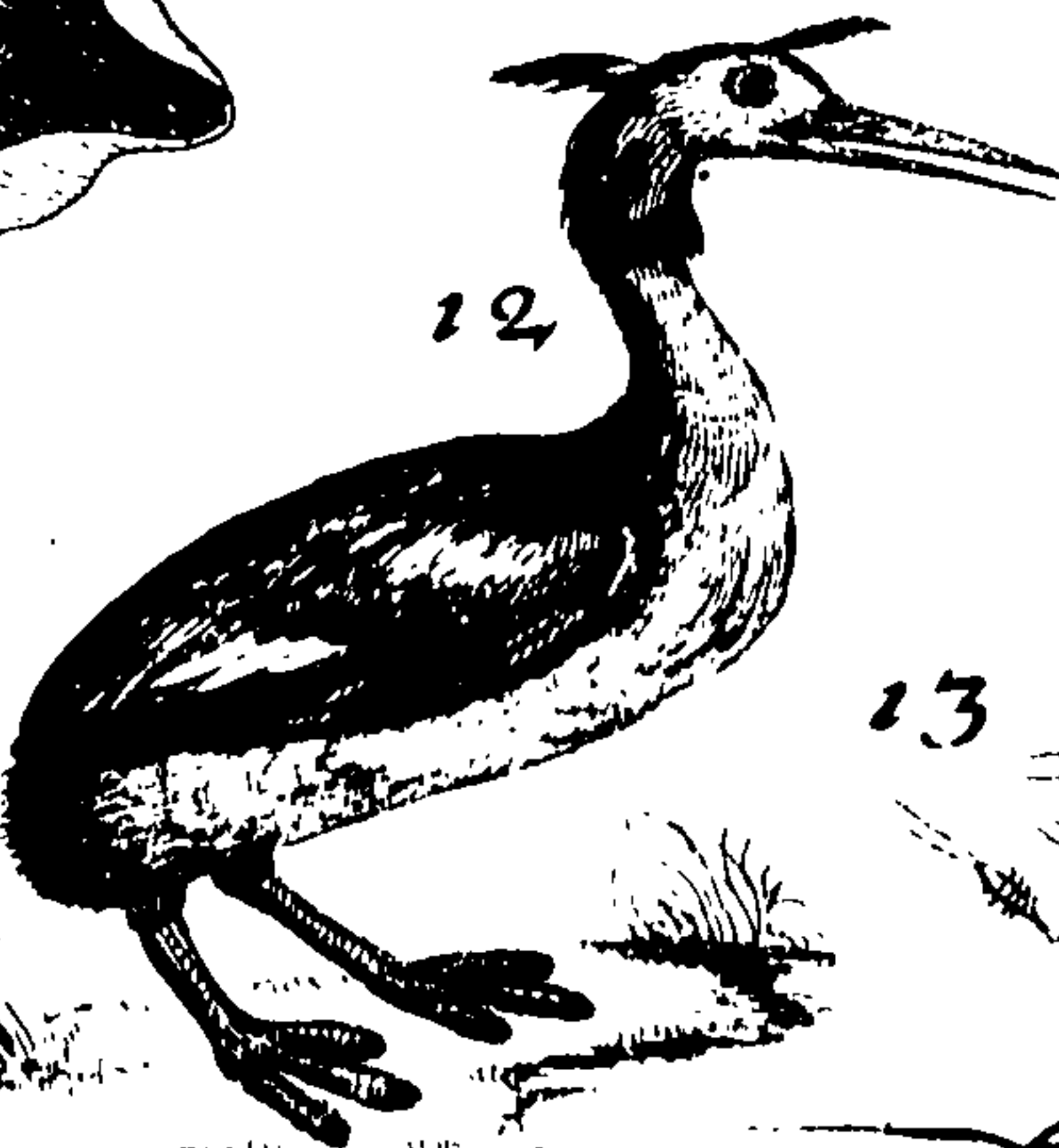
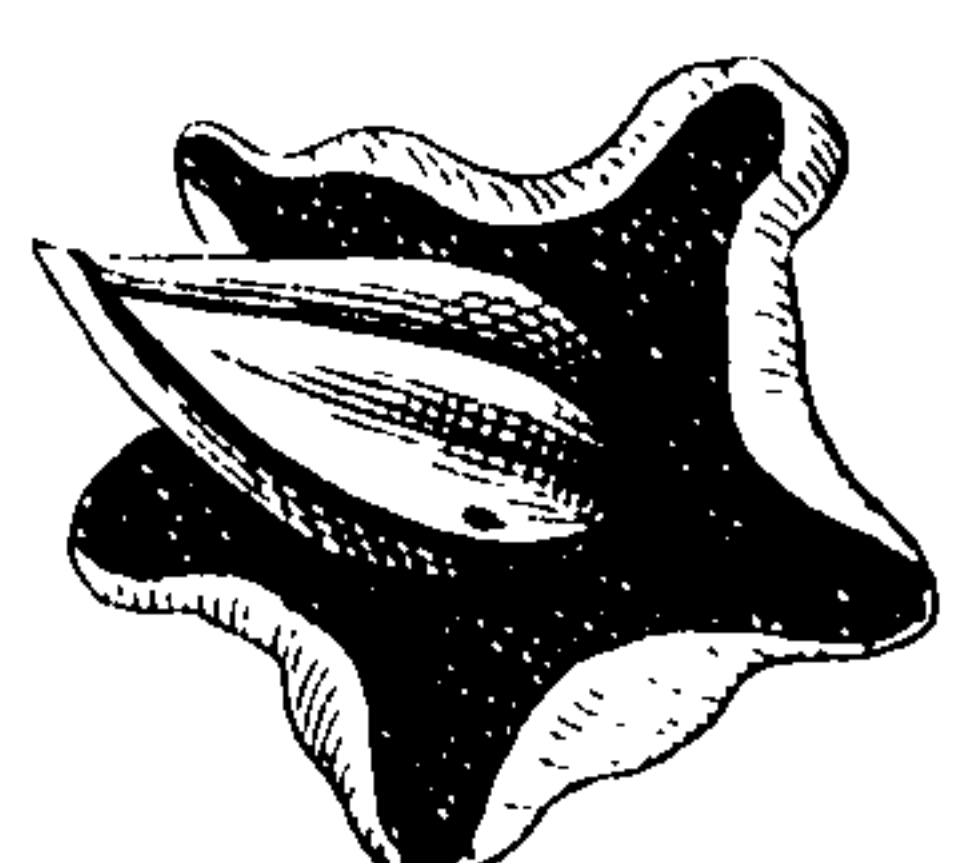
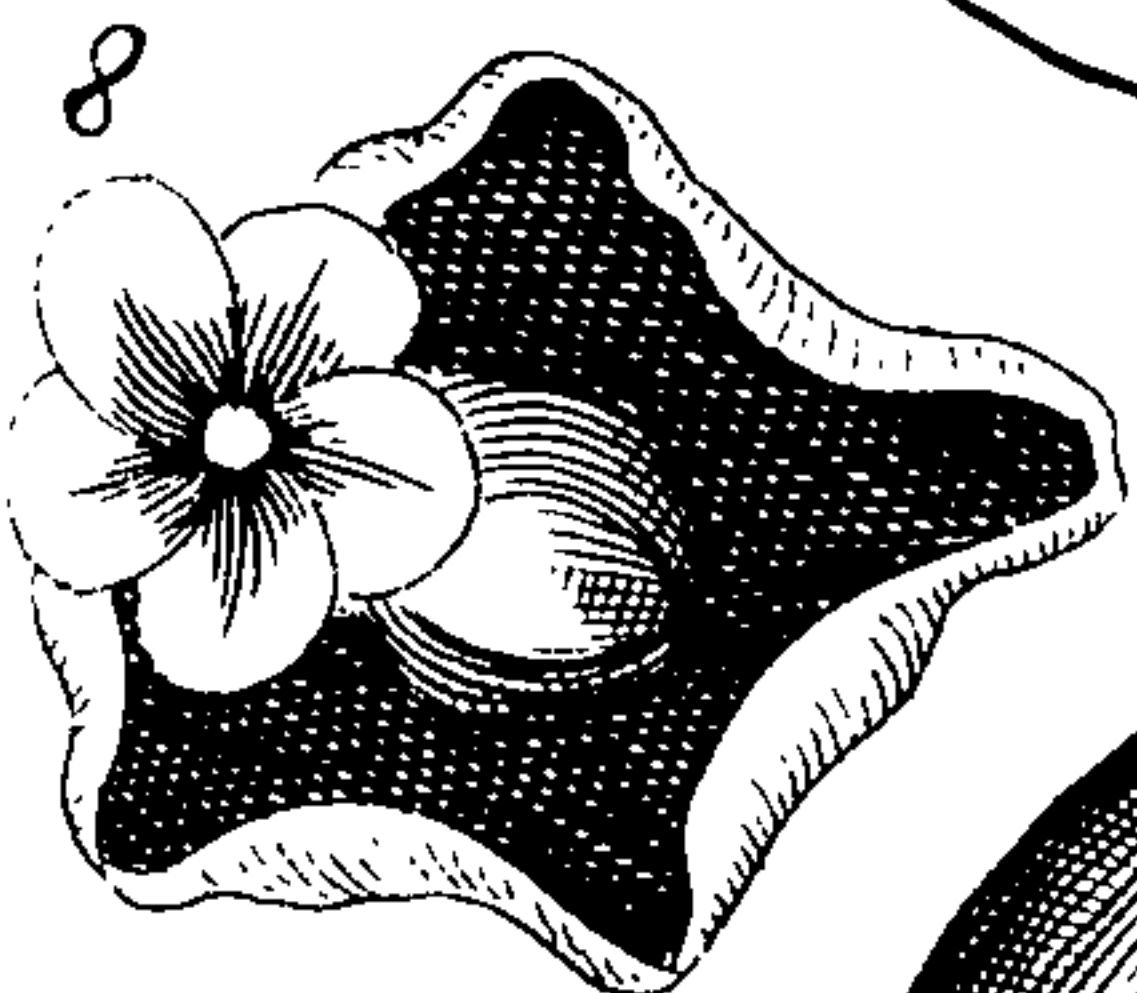
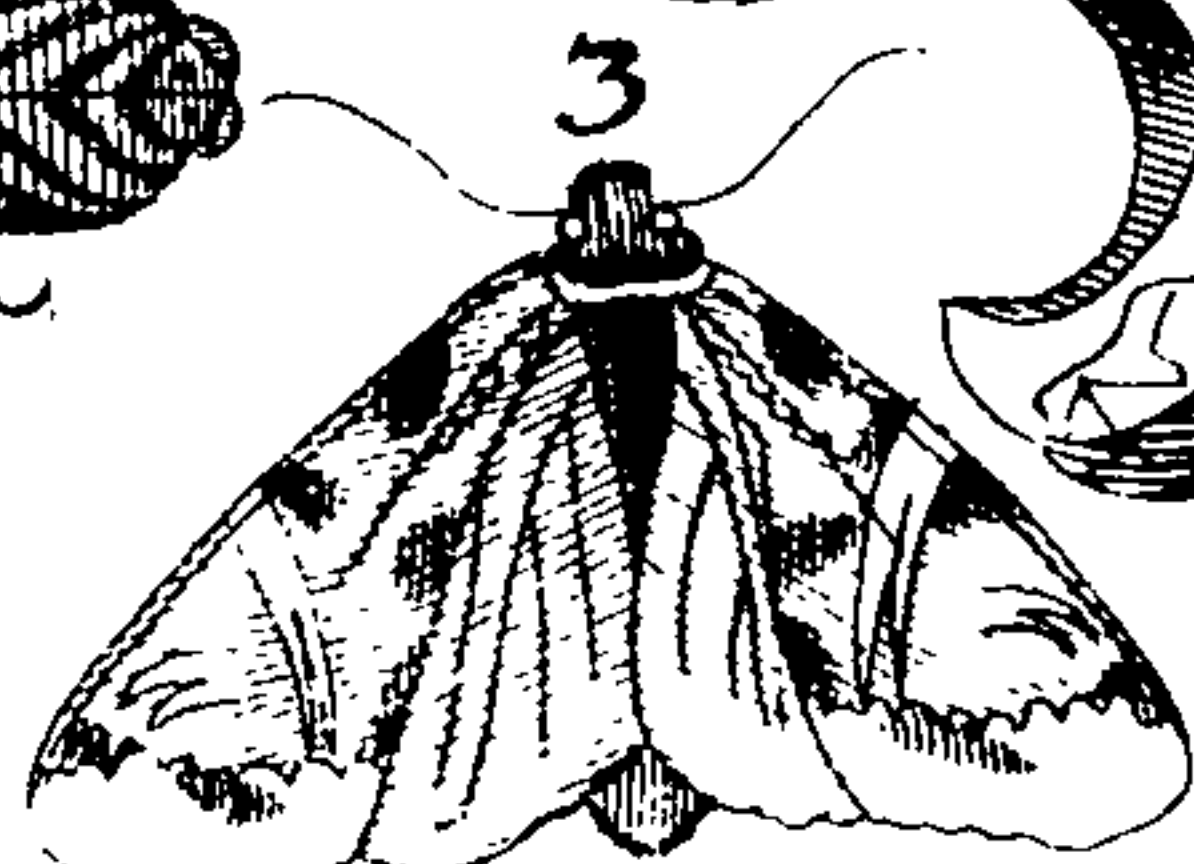
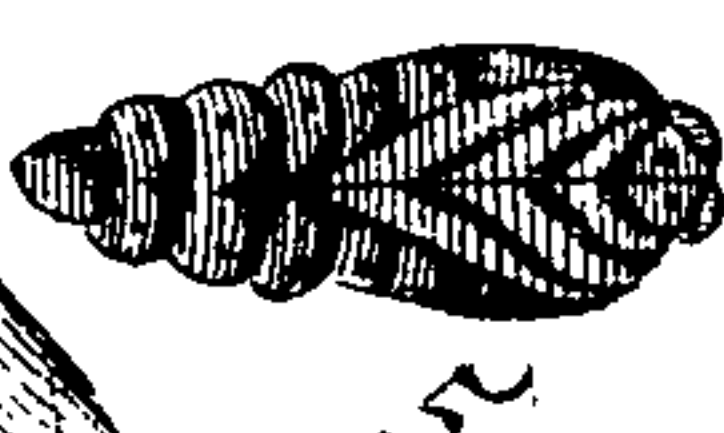
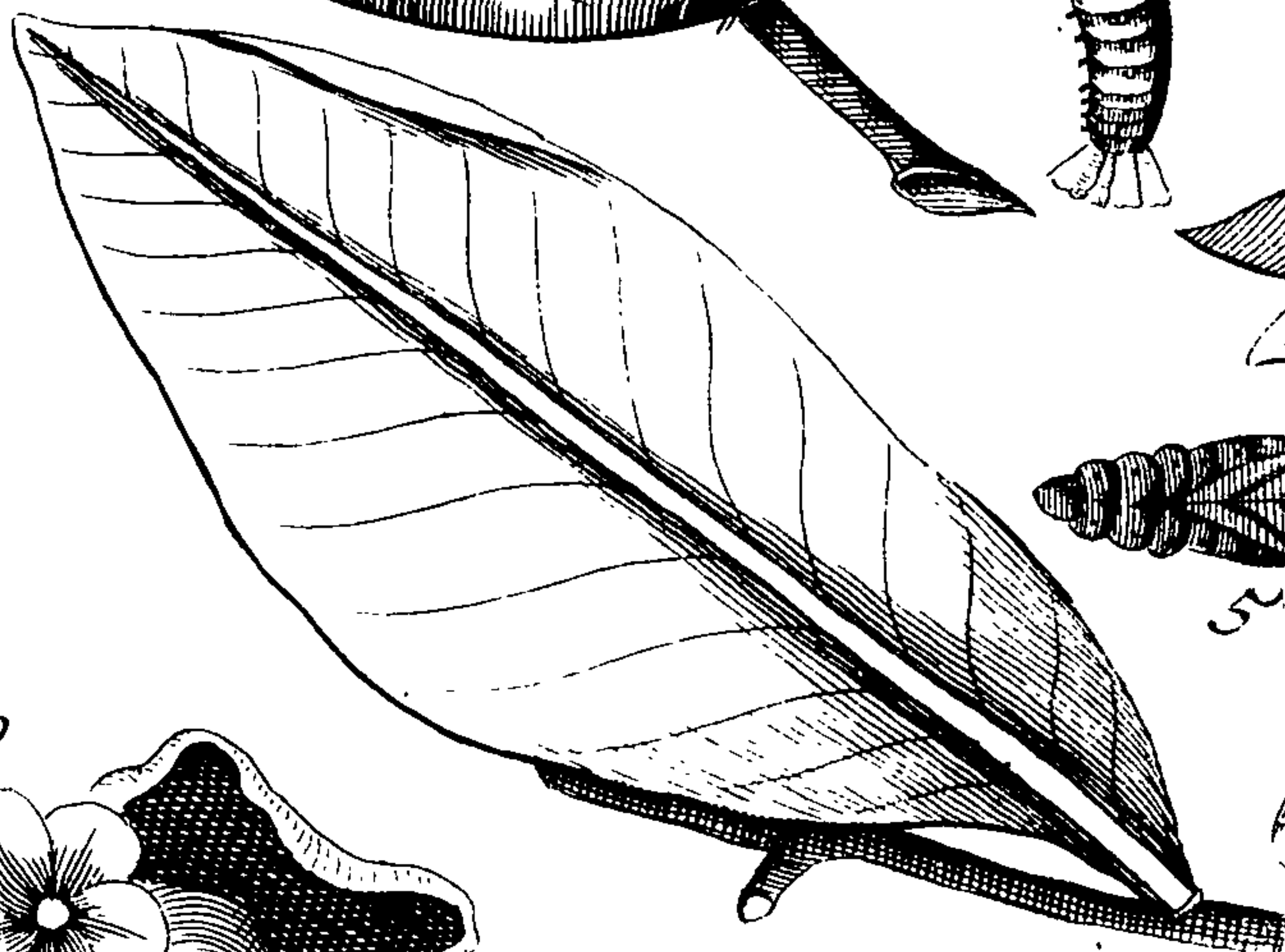
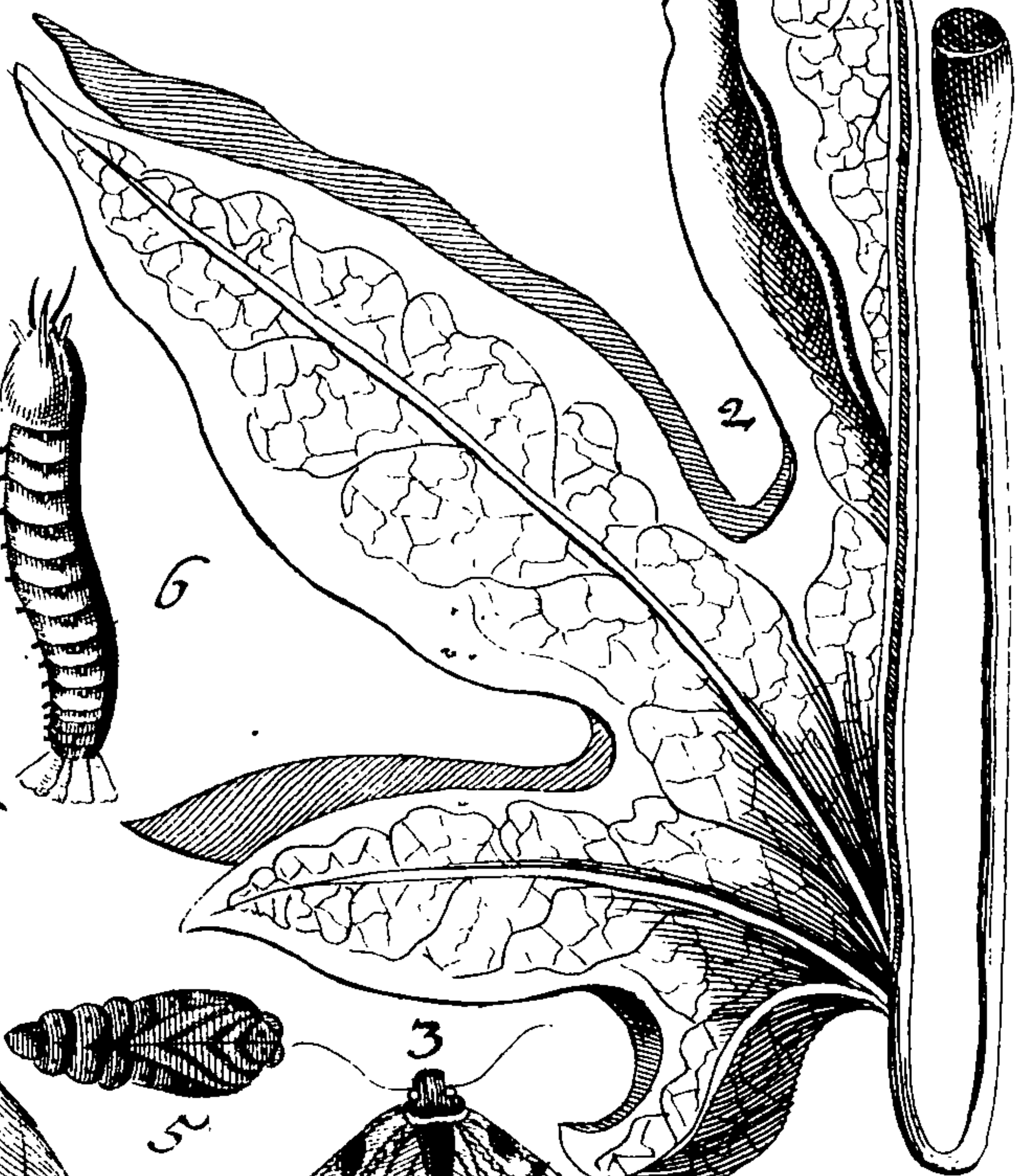
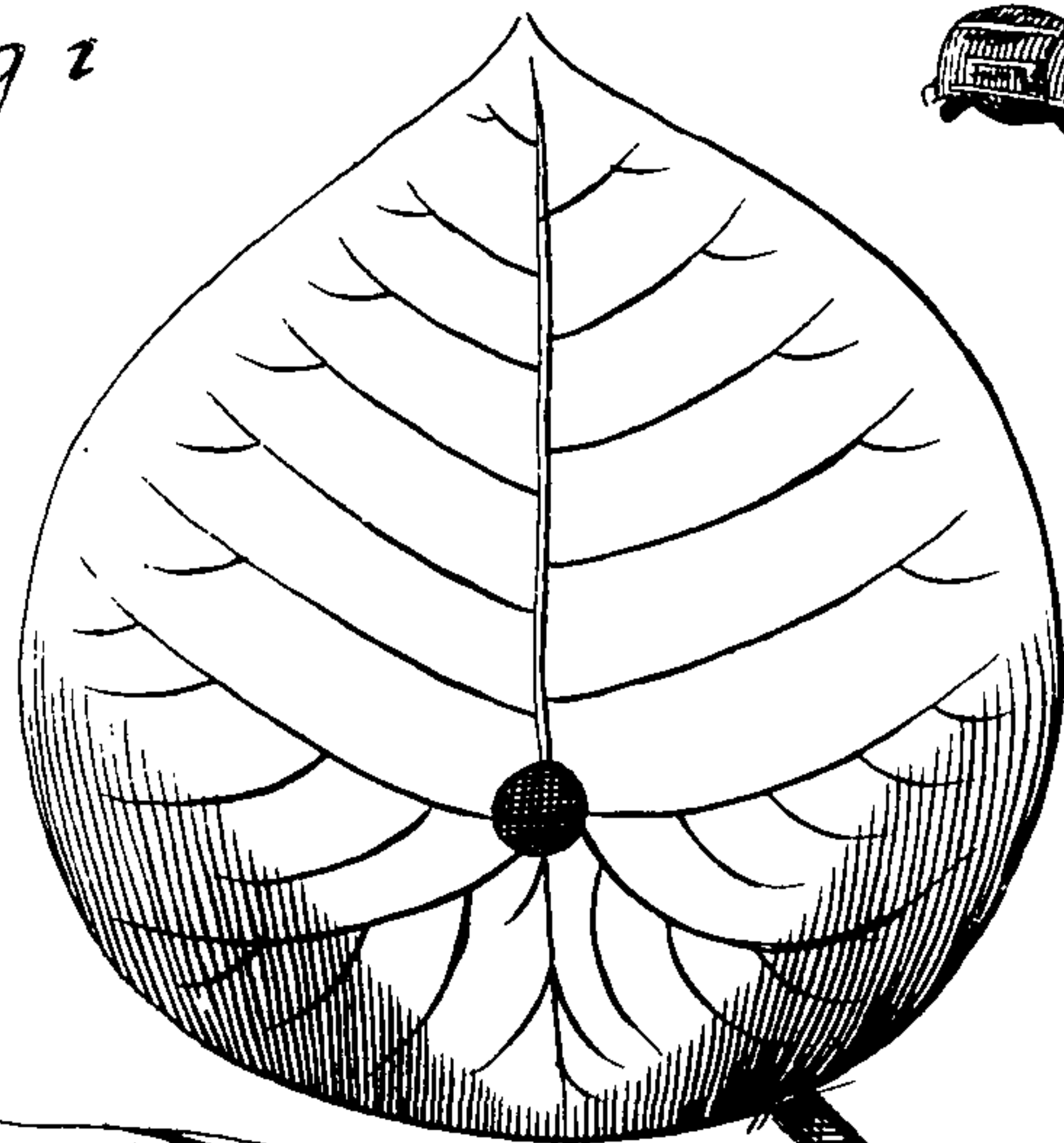
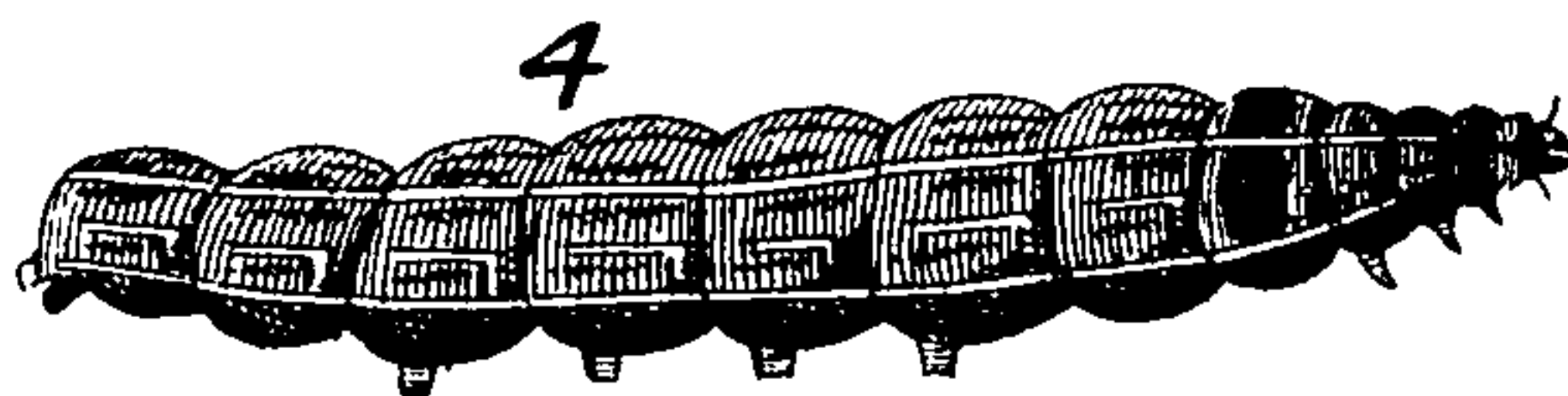
12. *Ardea exotica aurita.* This Bird is very remarkable for its 2 ear'd Tufts on the Head and wanting its back Toe. Mr Ray's Figure of the *Ardea cinerea minor* in his Ornithology Tab. 49. p. 279. somewhat resembles it. I copied this from a Picture amongst Mr Cleark's Collection of Paintings.

13. *Squilla marina LUZON.* minima, seu *Formica marina.* Hipon vel Dilis Kamel de Piscibus Molluscis & Crustaceis Philippens. in Act Phil. No. 302. 5.

14. *Araneus LUZON.* oblongus lutescens, longipes, ventre tenui geniculo in caudam distincto, Kamel MSS. Araneus.

15. *Phalena LUZON.* aterrima, collo, cauda extremitatibusque alarum aureis. These 3 last are from Designs rather Kamel sent me.

Fig 1



To CIRIL ARTHINGTON, Esq. This Table is hum-
bly Dedicated by his humble Servant JAMES PETIVER,
Apothecary and F. R. S.

GAZOPHILACII NATURÆ & ARTIS. TAB. XLIV.

FIG. *Abrus minor coccineus vulg. hilo nigro.* I have received this Seed from *Africa* and both the *Indies*.

1. a. *Abrus lutescens.*

1. b. *Abrus niger.* These are varieties of the first.

2. *Abrus ANTEGOANUS, medius miniatus.*

3. *Abrus ANTEG. med. miniatus, nigro nubilatus.* Both these *Mrs Rachel Chapman* brought me from *Antegoa*.

4. *Abrus sanguineus maximus, nigro mixtus, Anacock quibusdam.*

5. *Abrus BARBIS. niger parvus, hilo rubro.* This *Pod* hath rarely more than 2 Seeds, and sometimes but one.

6. *Semen Ejusdem.* This is smaller than *Fig. 1.* flatish, black with a red Eye.

7. *Cochlea oblonga exotica levis.* I met with this at *Mad. York's*, and have not elsewhere seen it.

8. *Phalæna alba semidiaphana, guttulis paucis nigris.* I am obliged to *Mr Anrobus* for this rare *Cawle Moth*.

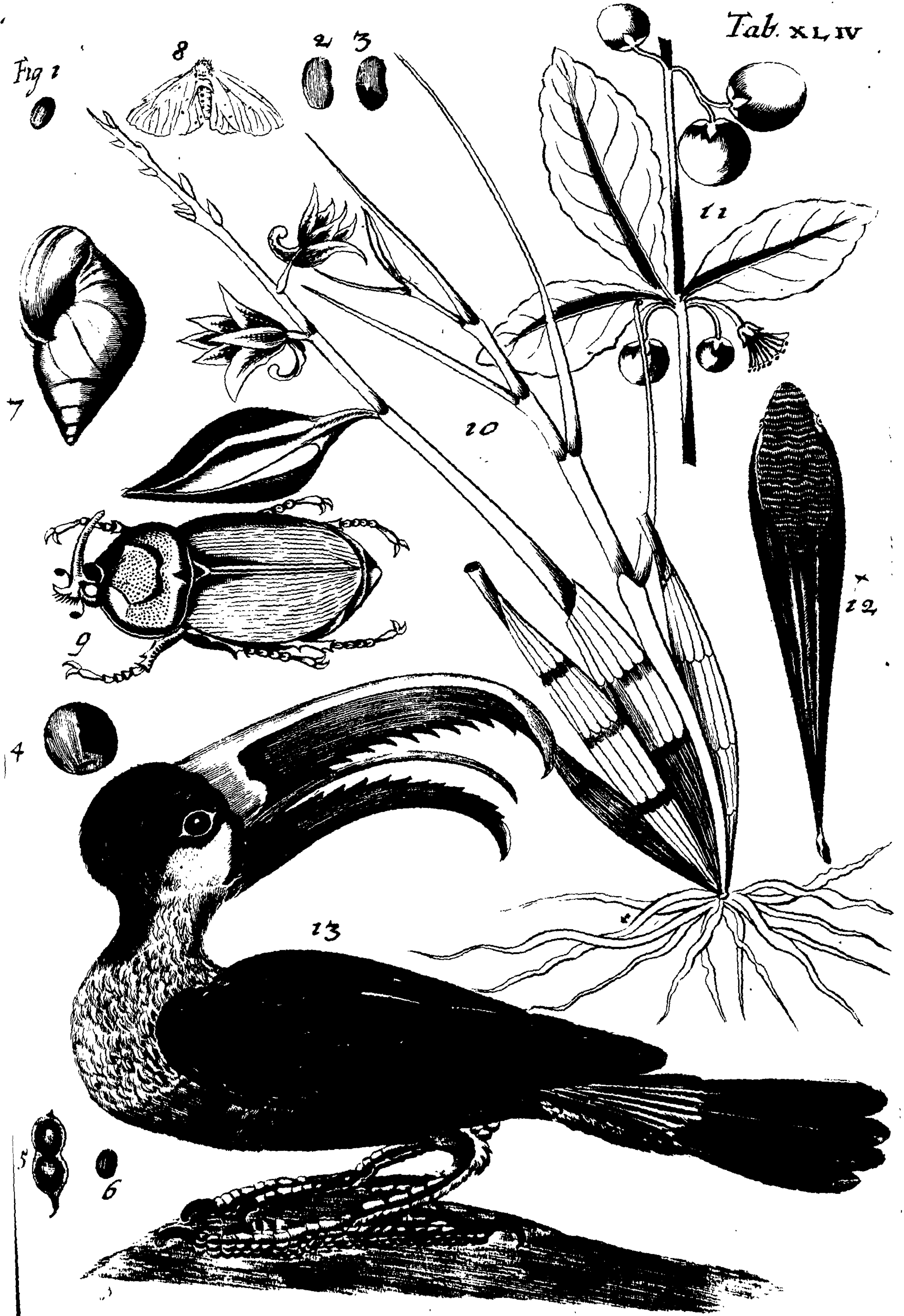
9. *Rhinoceros LUZON. nigricans capite vagante purpureo.* *Father Kammel* was pleased to present me with this *Curious Beetle* and its *O. Egg*.

10. *Bontiasa LUZON. geniculis inferioribus carinulatis.* *Bontius* being the first that gave us this kind, if not this Plant, I have attributed his Name to it for distinction sake. It is a *Parasitical Plant*, generally growing on *Trees* as our *P'opyoum* and *Mistleto*, the Flowers for the most part resembling *Aloe*, or *Orchis*, and by some are therefore called *Vitico Aloe*.

11. *Sorbus LUZON. foliis ternis serratis.* *Bitongol Indis.* *Carandia Garcia* & *Serrentia Kameli.* It flowers in *May*, and fruit ripens in *August*, of a pleasant roughish Sweetness, and full of small Grains.

12. *Remora LUZON. corpore tereti.* *Comi Boholanis* & *Zebuonis.* *Quini Lestensis.* This seems to differ from the common kind. See its Description with several other Fish which *Father Kammel* has observed about the *Philippine Isles*, published in 1781 he sent me in the *Philosophical Transactions*, No 302. 24.

13. *Toucan SURINAMENSIS niger, ex albo flavo rubroque mixta.* Taken from a Dutch Painting in *Mr Clark's* Collection. This does not exactly agree with any Authors I have yet read.



To Dr. JOHN PHILIP BREYNIUS at Danzig M. D.
& S. R. S. This Table is humbly Dedicated by JAM.
PETIVER, Apothecary, and F. R. S.

GAZOPHILACH NATURE & ARTIS TAB. XLV.

FIG. 1. *Lignum Arboris Panguaguaſon.* The Root and Wood of this is both a *Vulnerary* and *Febrifuge*, takes away Pains in the Head, is good againſt Poiſon and the Bites of Venemous Creatures, as has been experienced. *Kam. Syllab. Ray n. 89. 16.*

2. *Folium ejuſdem.*

3. *Concha Tiquilay facies externa* *K. m. MSS de Teſta.* This is a ſort of Tree or Rock Oyster and agrees with a *Pholad*, which from its ſhape they call a *Hammer ſhell*.

4. *Monſtrum PHILIP. Centauri facie.* *F. Kamel ſent me a Deſign of this in a MSS Tract de Monſtris, quaſi Monſtris & Monſtruoſis, which ſhall e're long be printed.*

5. *Phalæna media ruſcens, Semicolon dicta.* What is very particular in this Moth is, its under Wings from its Shoulders are extended beyond the upper, which, with its Semicolon-like Specks, remarkably diſtinguiſhes it from all others.

6. *Phalæna LUZON. alba, margine ſuperiore & corpore ſanguineis.* *F. Kamel ſent me a Painting of this, and Mr Cuninghame a Moth very like it.*

7. *Nux Arboris Hohom quam & Tagoligas vocant.* *Kamel MSS.*

8. *Nucleus Hohom.*

9. *Zapotl CHINENS. fructu cinnabarino.* *Xicu Sinens. Chicoy Hispan. Figocaque Luſit* Its Leaves ſingle, 6 inches long and 3 broad. *Kam. Syll. Ray p. 54. 5.*

10. *Zapotl Fructus.* Theſe are dried in the Sun, as they do Figs and ſo ſent abroad.

11. *Zapotl Officulum.*

12. *Lapis cui a Natura Curioſa figura inſculpta eſt* *D. Spener, Act. Phil. No 302. p. 2083. 16.* This *Dr Chriſtian Maximilian Spener, Phyſician to the King of Prussia, and Fellow both of the Imperial and Brandenburg Colleges, ſent me.* It ſeems to be an Impreſſion of an *Entrochus* upon a ſort of Iron Stone.

A. 13. *Phalæna brunna bimaculata ſaſcijs fulvis.* This and Fig. 5. two very elegant Moths, my Curious Friend *Mr Antrobus* was pleaſed to give me amongſt ſeveral others.

X. 14. *Buccinulum MEDITERRAN. leve. ex albo nigroque variegatum.* I have received this from ſeveral Shoars in the Streights, and lately from our Worthy Friend *Mr Robert Ball, ſent him amongſt other Shells from Leghorn.*

Fig. 1



To his Curious Friend Mr JOSEPH DANDRIDGE,
This Table is humbly Dedicated by JAMES PETIVER,
Apothecary, and F. R. S.

GAZOPHILACII NATURÆ & ARTIS TAB. XLVI.

FIG. 1. Serpens AMERICAN. *variegatus, cingulis maculisque nigris interspersis.*

2. *Vanillia Officinarum.* Dale Pharm. 508. This Figure shews its Leaves and twin or double Pods, with its manner of twining about other Plants.

3. *Vanillia*, its Flower, which being so particular may easily be known from other Plants.

4. Its full grown Pod, which is used in Chocolate, and has the fragrantcy of Benjamin.

5. Betle MEXICAN. *repens fol. pinguibus odoratis.* This the Natives call *Mecaxochitl*, they mix it with their Chocolate to give it a more pleasant Taste and correct the Breath.

6. Betle NOVÆ HISPAN. *fructu longo angustissimo.* There was several of these found in the Spanish West India Ships when destroyed at *Vigo*. Dr Sherard now Consul of *Smyrna* gave me some of them: They have generally 2 and sometimes 3 Tails tyed together, with a Twine, which seems to be the Splinter of some sort of Rush.

X 7. Unicornu NEVICENSE, *gyris cavis.* This Shell is very particular in having alternate hollows round its Twists, which in the Figure is exprest by the black Spots.

8. Arbor MEXICANA, *flore Tulipæ. flaminibus Ornithopodij simile.* Macpalxochi quahuatl Mexicanis. Flor Camomano Hispanis. This is a very odd Tree; I shall think my self very much obliged to any one that shall be pleased to send me Samples of it, or any Plant like it.

9. Arbor PERUVIANA, *Corticem Febrifugam ferens.* I took this from a Figure in Monsieur Pomet his Hist. of Drugs in French: I will give a Guinea to the first Person that brings or sends me fair Specimens of its Leaves, Flower and Fruit, or any 2 of them on the same Branch.

10. and 11. Are the external and internal face of the Bark of the aforesaid Tree.

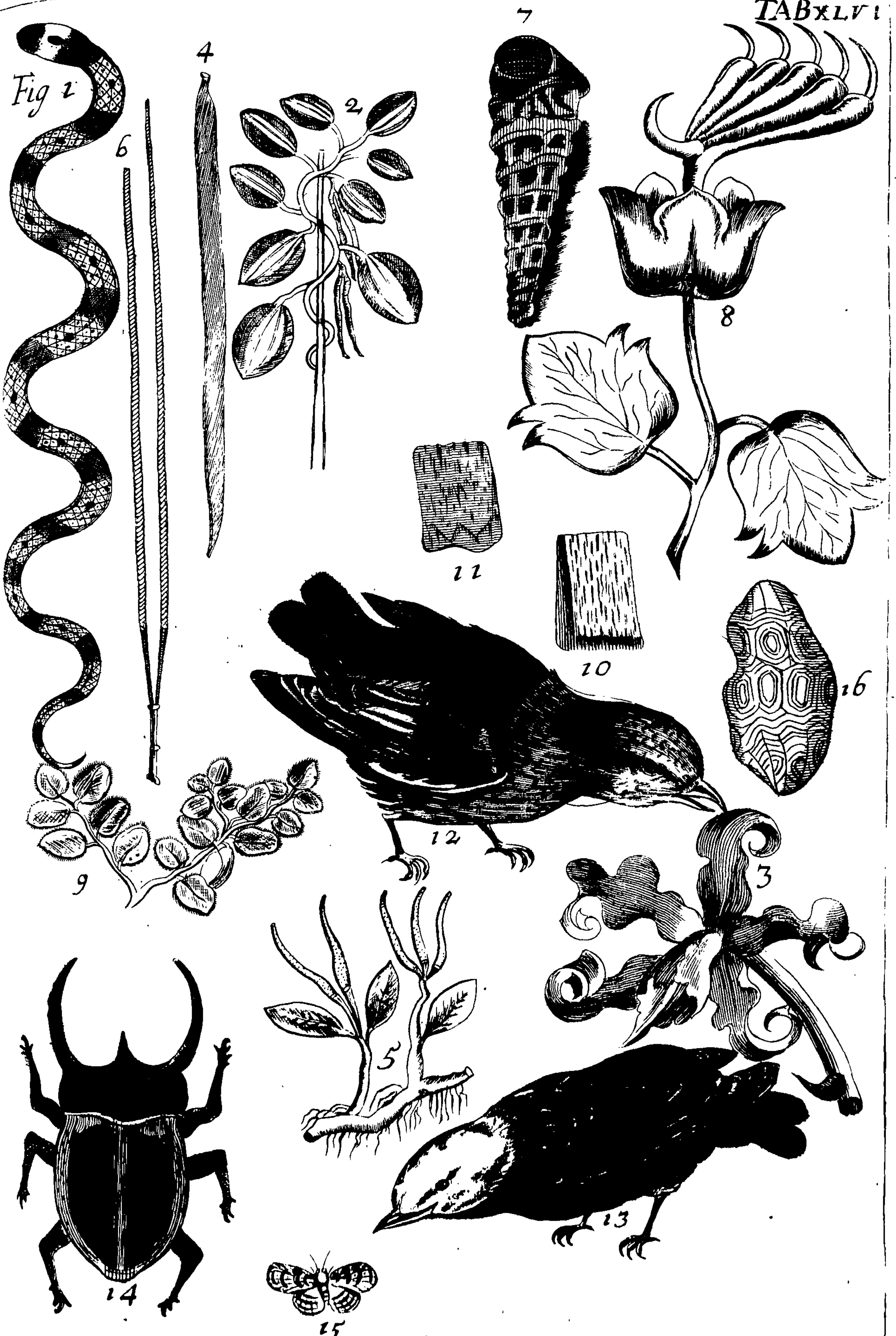
12. *Avicula forte SURINAMENS. e nigro rubroque mixta.* It's behind mostly black, the Head, Collar, Breast and Belly red.

13. *Avicula forte SURINAM. nigra, capite e luteo croceo.* I take this and the last to be *Surinam Birds.* I copied them from Paintings which Mr Clark brought from Holland.

14. *Scaræus MEXICAN. bicornis.* Tou olin ichcatzin Mexicanis. The lighter part in this Figure is of a reddish Chestnut colour, the rest black.

15. *Papiliunculus exoticus carulescens.* This is a Stranger to me: I joyn it with these Birds, because they seem to make it their prey.

X 16. *Echinites CAROL. compressus rhomboidibus Testudinariis.* This is a piece of Fossil Echinus, and seems much to resemble that Figured No 125. in my Muscum, which I lately described in the Philosoph. Transact. No. 299.



To Dr JOHN CRAFTO HIEGEL, Chief Physician to
the Elector of Trier. This Table is humbly Dedicated
by JAMES PETIVER, Apothecary and F.R.S.

GAZOPHILACII NATURÆ & ARTIS, TAB. XLVII.

4631

FIG. 1. *Capricornus LUZON. maximus.* [His Sheaths tawny, the rest black, Horns and Legs shining. *Father Kamel* not only sent me the design of this elegant Beetle, but was pleased to make me a Present of the Insect it self.

A. 2. *Ranatra cornuta.* I first observed this sort in *Cain-Wood* at *Hampstead* on *Fern stalks*, but they are not common.

A. 3. Thus appears when sitting.

A. 4. *Ranatra rubra elegans, maculis nigris.* The discovery of this beautiful Insect is owing to that nice Observer as well as Preserver of Nature, *Mr Joseph Dandridge.*

5. The same moving to fly.

A. 6. *Ranatra viridescens.* Its Wings are of a faint bluish green, and tips pale.

A. 6. *. *Ranatra fusca.* These 4 last are a new genus of Insects, approaching next to the *Locustæ* or *Grashoppers*, but their shape differing: I have chose to distinguish them, from their form and action, by the Name of *Frog-hoppers.*

A. 7. Its flying posture.

8. *Osmunda LUZON. repens Fumariæ folio* *F. Kamel* amongst his last Manuscripts sent me this under the Title of *Fumaria capillaris.* I take it to be a *Flowering Fern*, and his Description (as well as Design) seems to favour my conjecture.

9. *Asplenium LUZON. bicubitale pinnis alternis.*

10. *Filix LUZON. pinnis alternis Salici æmulantibus.* The Leaves of this are somewhat less waved than the Design.

11. *Trochus LUZON. albis maculis nigro reticulo textus.* A design of this and its description *F. Kamel* sent me lately in a MSS Treatise de *Conchyliis Philippensibus.*

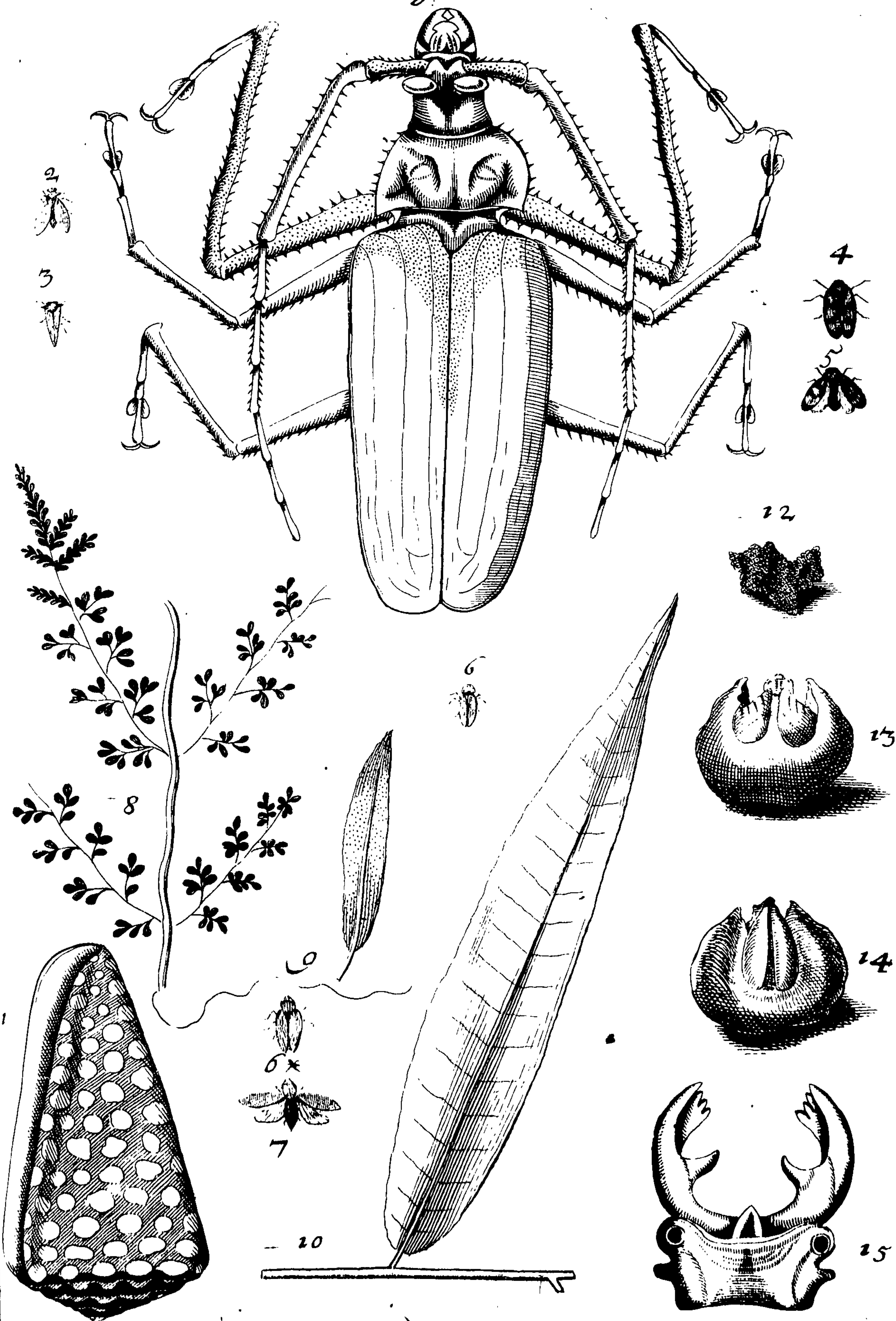
12. *Millepora MEDITERRANEA.* An elegant Sample of this *Mr Jezreel Jones* found lately on the *Barbary-Shoar.*

4656.

13. *Cervi volantis Caput. Indis Olalo.* The Figure and Head of this strange Beetle *F. Kamel* sent me.

14. *Hysterolichos Lapis.* This wonderful Fossil Dr *J. G. Kifner*, a Curious Physician at *Frankfort*, found in the Vineyards of *Lobenstein*, from whence Dr *John Daniel Horstius*, Chief Physician to the Elector of *Esse Darmstadt*, formerly sent it to *Olaus Wormius.* I have also received it lately from Dr *Hiegel*, Physician to the Elector of *Treves.*

13. Is the Reverse.



To Dr PETER HUTTON, Botanick Professor at Leyden,
This Table is humbly Dedicated by JAMES PETIVER,
Apothecary, and F. R. S.

GAZOPHILACI NATURÆ & ARTIS TAB. XLVIII.

FIG. 1. Fungus *Cinabarinus Ligni Molavin.* an E. B. 1. 1. seu A& Phil No 287. p. 1456. I. See a description of this Tree in Kamel. Syllab. Ray V. 3. app. p. 69. 14.

2 Hemisphericus LUZON. *Minij coloris.* This delights in the *Rosa sine spinis* Kam. Ray V. 3 app. 77. i. e. *Alcea Javanica* fl. pleno.

3. *Eruci purpurea hirsuta, albis punctis notata.* This is the Caterpillar of the last Insect.

4. *Follicula ad latera pilosa.* Thro the back of this breaks out the Beetle at Figure 2. as Father Kamel has accurately observed.

5. *Cantharus LUZON. viridis laevis. Indis Camarinensium, Dias, Giao, Lanibao, & Salibat.* Both design and Insect Father Kamel sent me.

6 *Hæmisphæricus LUZON. aureus maculis plurimis nigris.* This feeds on the Garden Night shade, it resembles our Common Lady-cow, but this is larger, and has 3 times the Number of Spots.

7. *Folliculus globosus caudâ pilosâ.*

8. *Erucula LUZ. alba pilosa.* This turns into the last which produces Fig. 6. F. Kamel has been very accurate in so nicely observing the Changes of these minute Insects.

9. *Blatta domestica LUZON. nocturna. Hispan. Cucca & Cucaracha. Lusit. Barata. Indis Ipis & Bancocang.* This resembles our Common House Cock-roach, and like them are very devouring, and appear in the night only. The Indians drink their Ashes in Physick, they also bruise and mix them with Sugar, applying them to Ulcers and Cancers to suppurate, it's also said they are given to kill Worms in Children.

10. *Corallium stellatum compressum albescent.* The superficies is smooth, and the Scars scarcely raised. I think Mr Stratton brought me this from our West India Islands.

11. *Filix LUZON. pinnis alternis serratis.* F. Kamel calls this the *Adiatum nigrum quorundam, seu Dryopteris Dalechampii*, to which last I cannot readily agree. Ray Syllab. Kam. p. 1. pl. 5.

12. *Volvulaceus LUZON. Colutææ foliis. Asplenium seu Lonchitis scandens* Ray Syll. Kam. p. 2. 15. I am apt to believe this is rather a *Bacciferous Climber* than any sort of Fern.

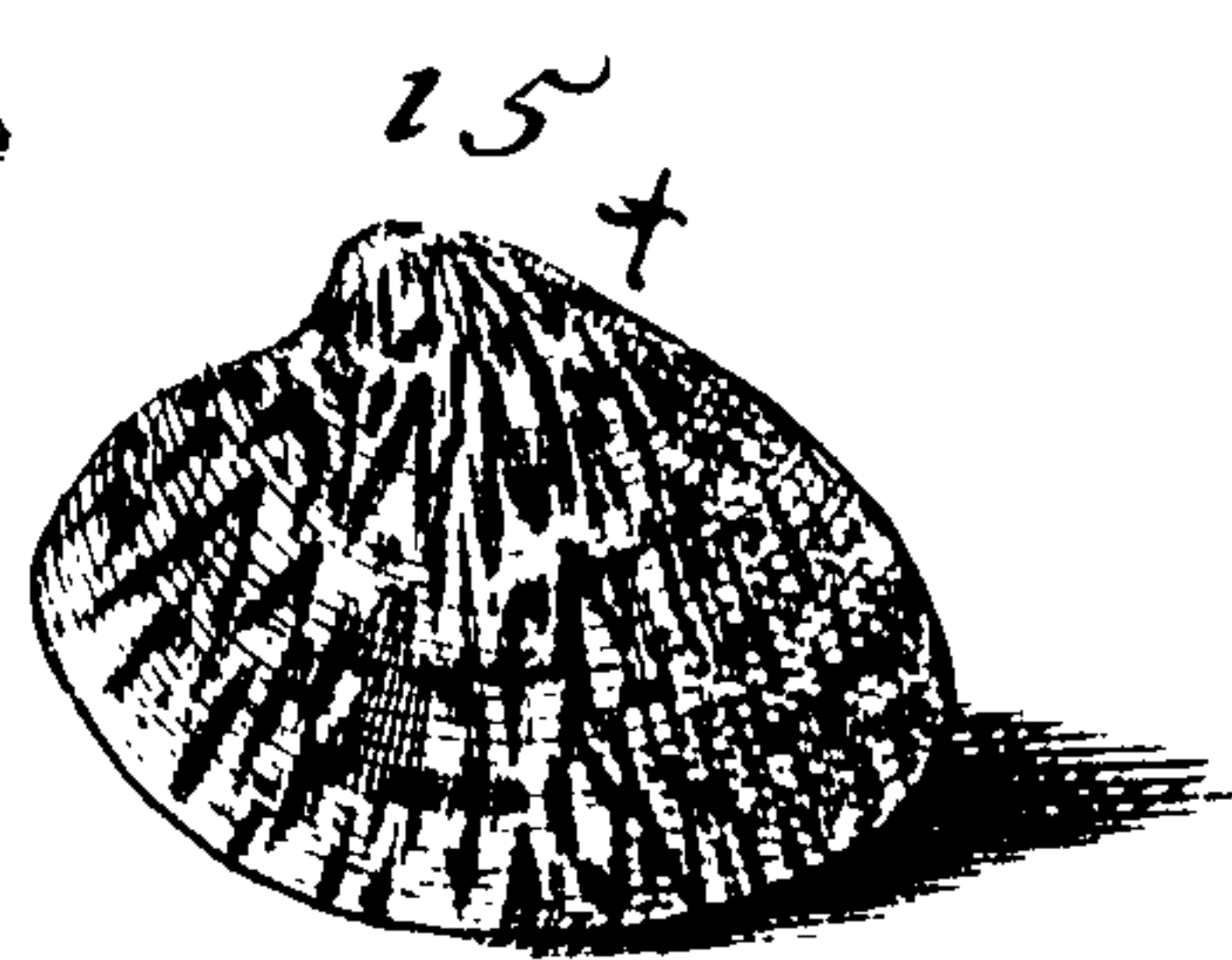
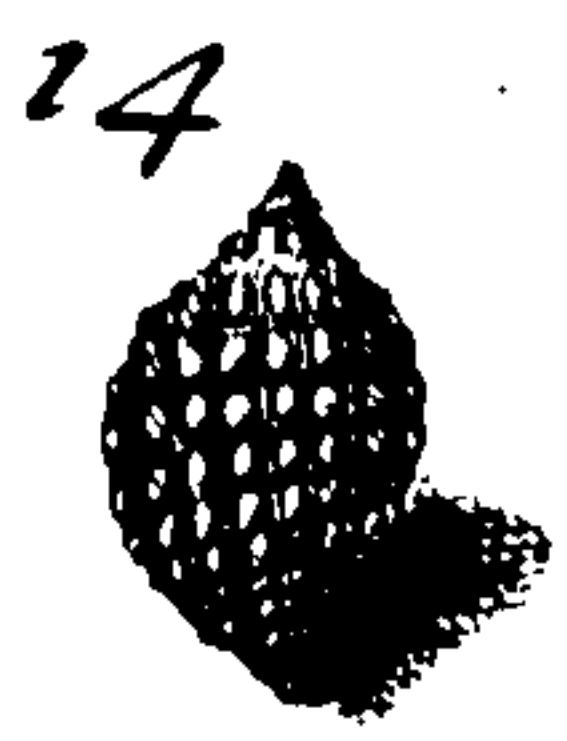
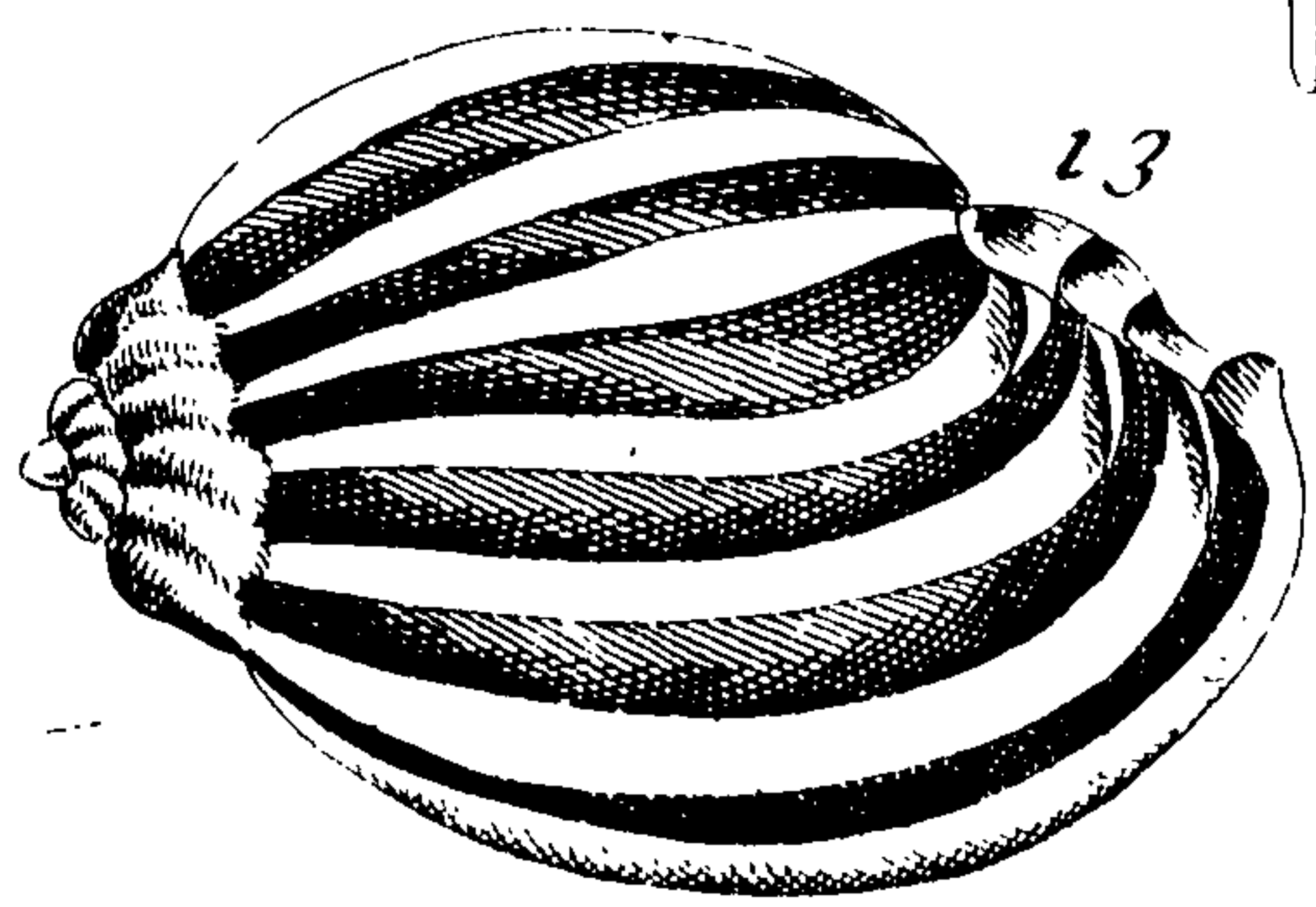
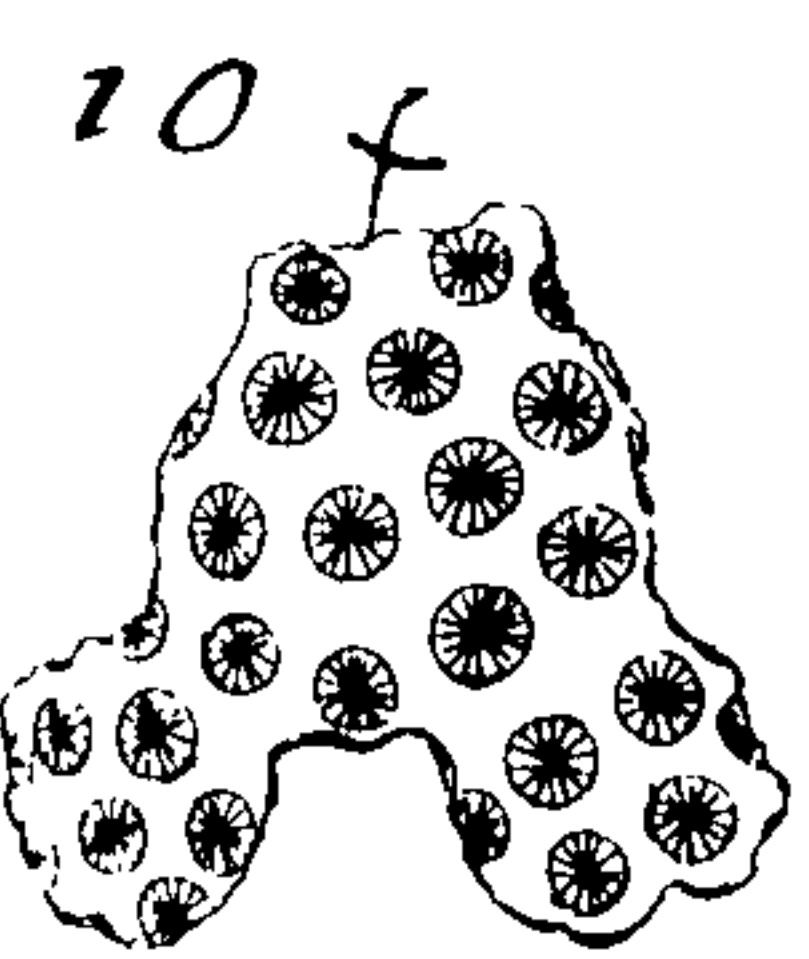
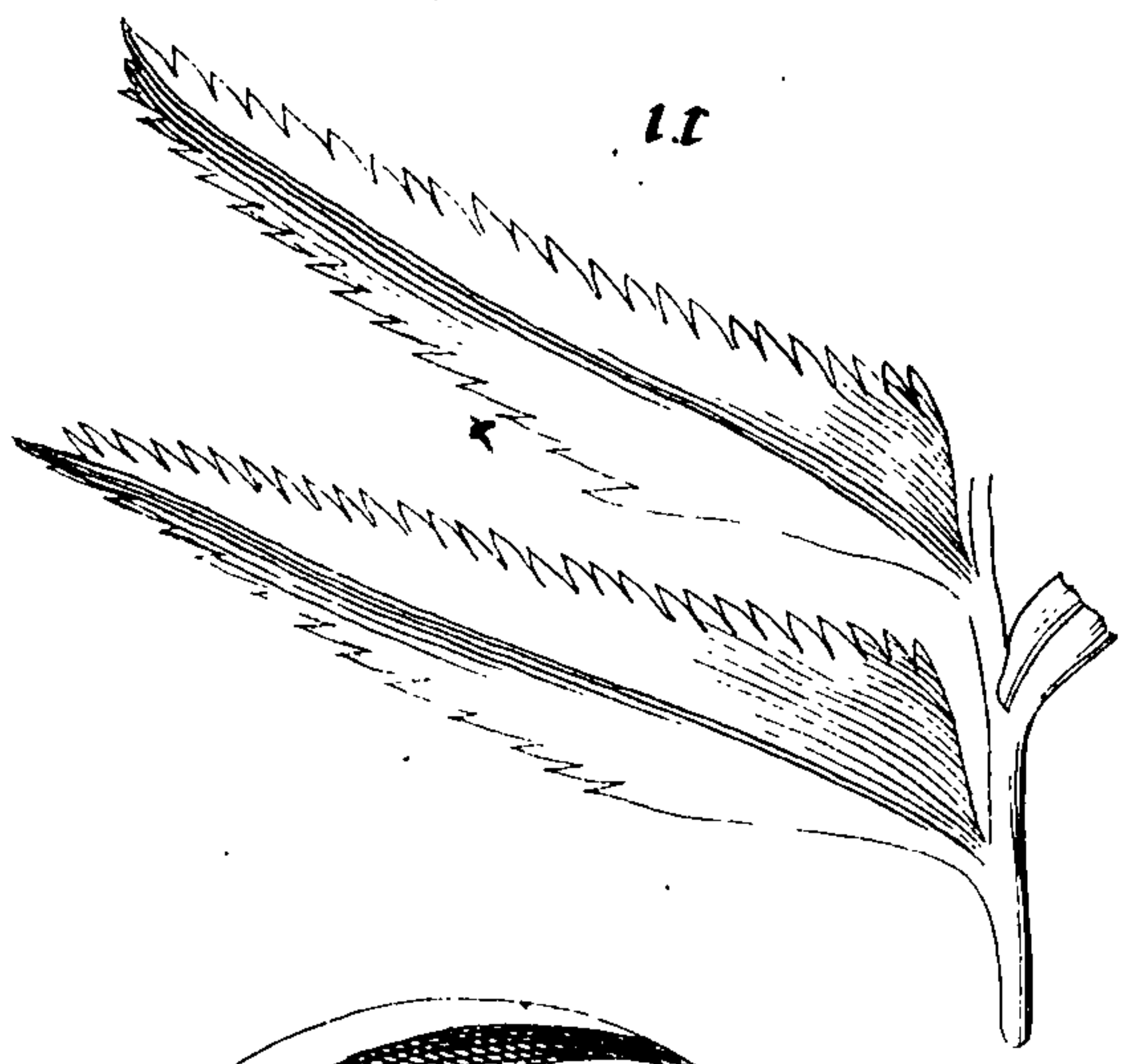
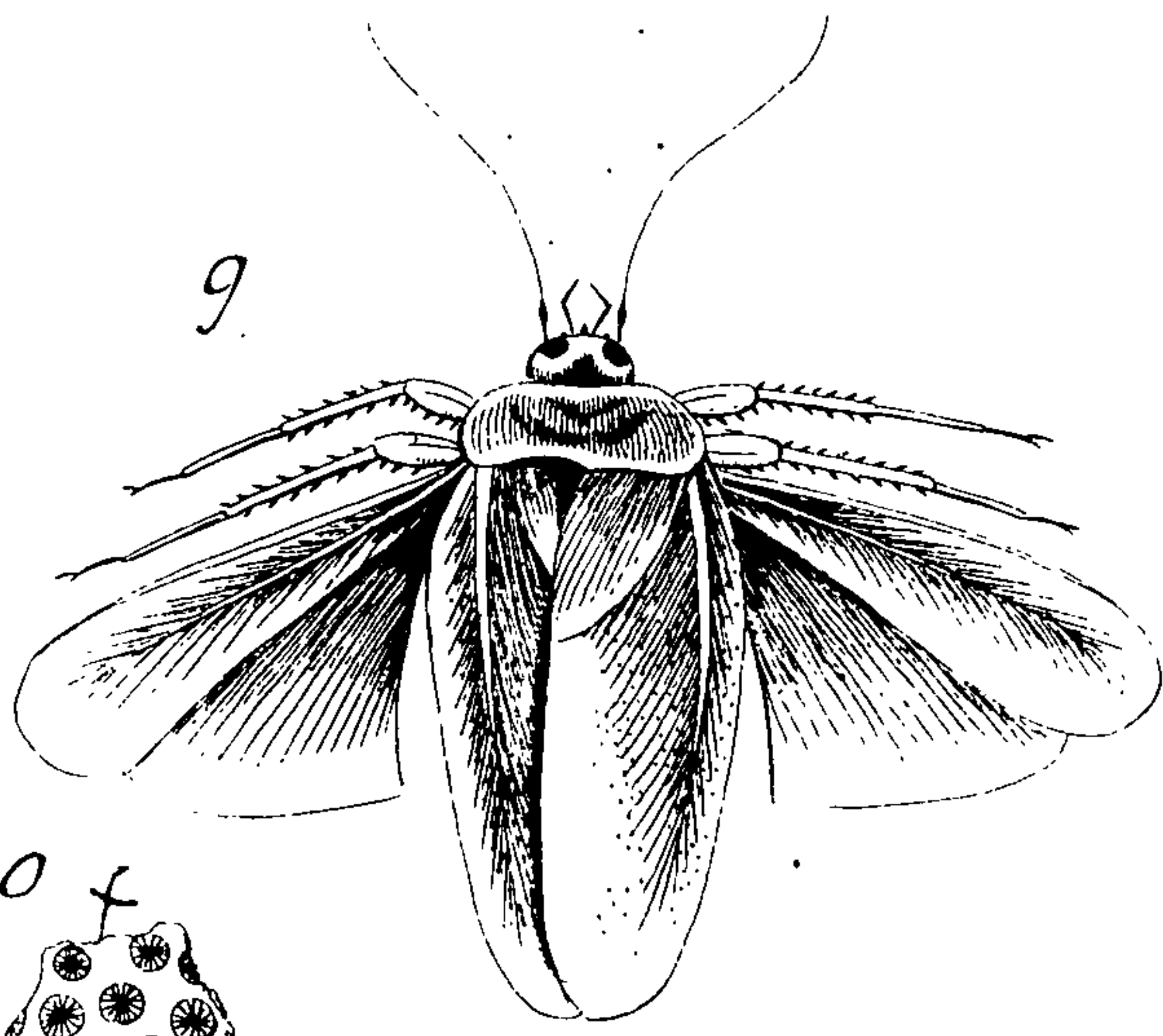
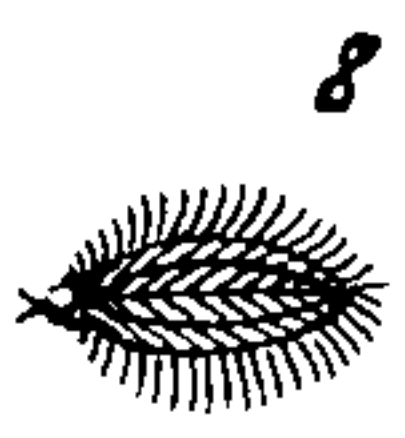
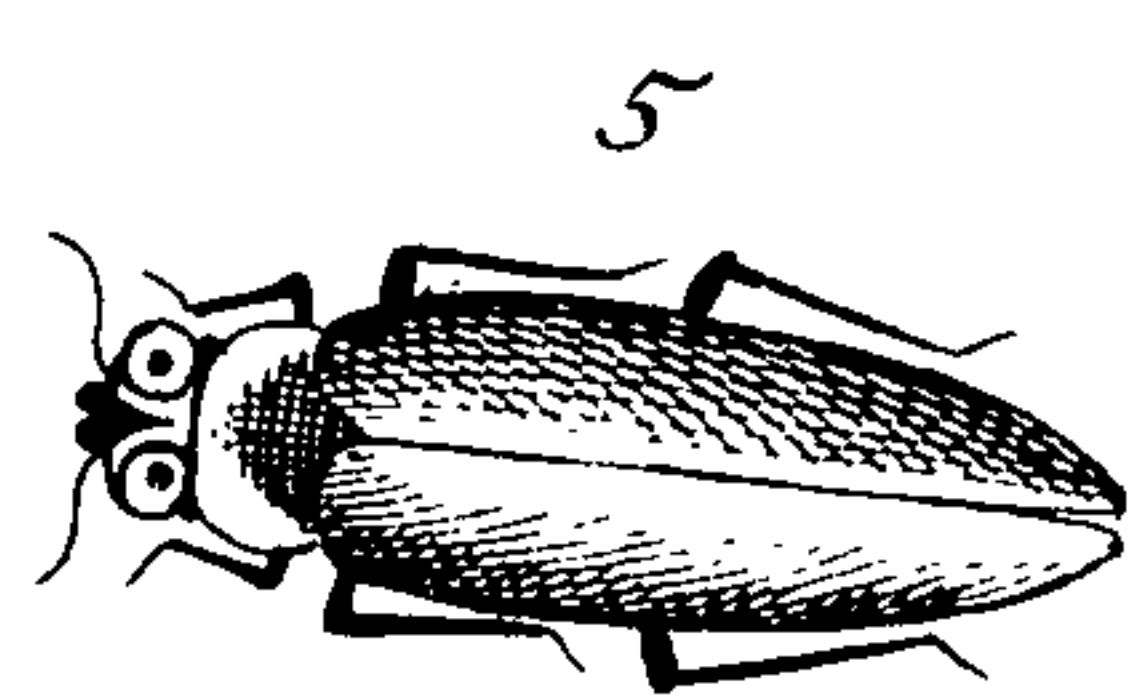
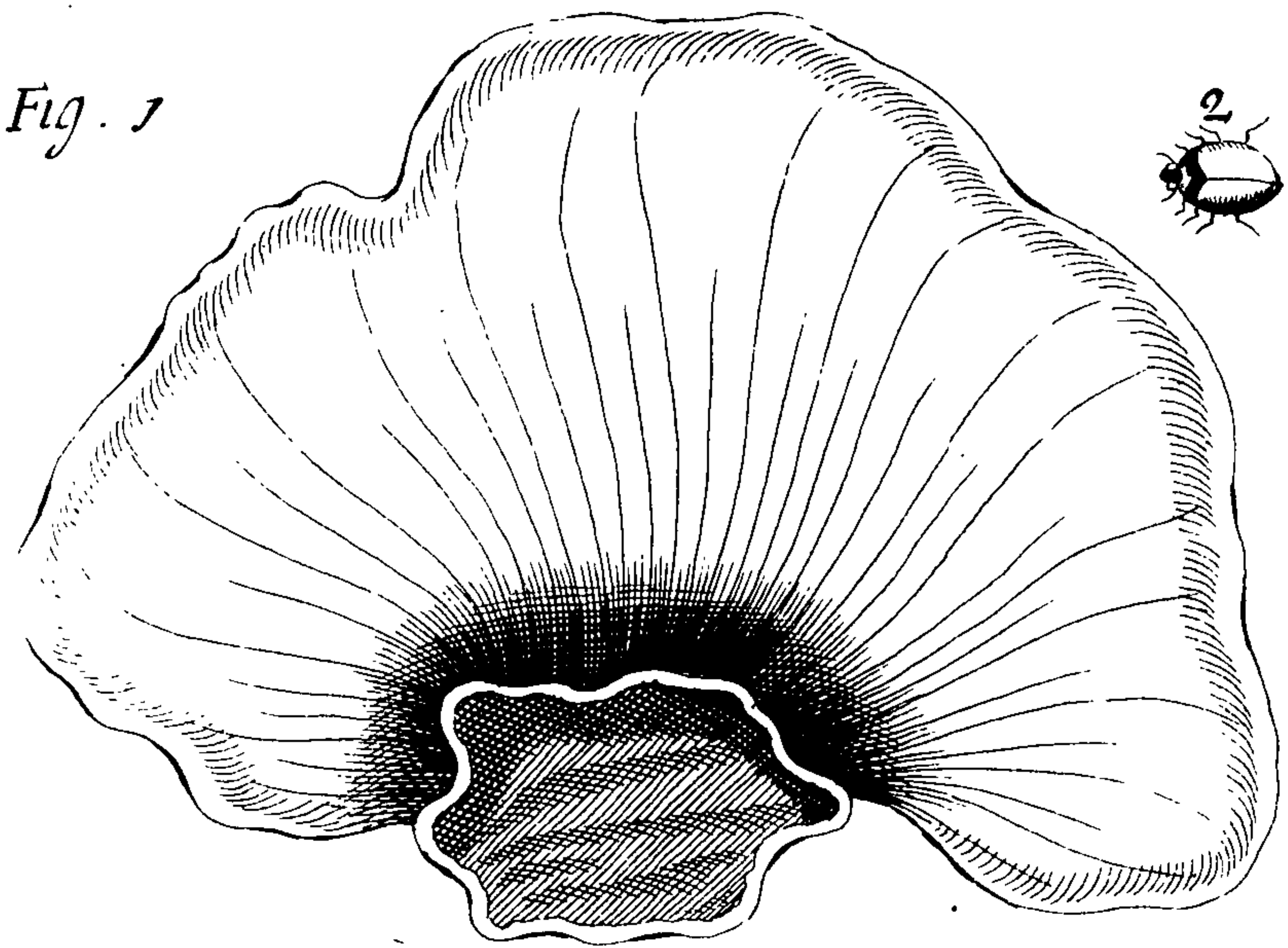
13. *Cochlea celata, Indis Binga.* Under this Title F. Kamel sent me its design, which is exactly copied: I take it to be a variety, if not the same I mentioned in the A& Phil. N. 274. s. S. B. 4. 22. but in this Figure its streaked Ribs and Marbled Interstices are wanting.

14. *Olivæ CONDOR. bullulis nigerrimis refertis. an Buccinum brevirostrum parvum nigricantibus nodis seriatim circumdatum* L. H. C. 1. 4. f. 15. c. 1. Fig. 4. Tab. 954. This is an elegant small Shell, which Mr Ja. Gunninghame observed on the Shoars of Pulo Condore.

15. *Pestunculus CONDOR. fasciatus undis Castaneis.* From the last place by the same hand.

16. *Rhomboides nodosus, one serrato, labro lato verruculato. an Rhombus parvus dentatus muricatus* L. H. C. 1. 4. S. 10. c. 70. Fig. 44 Tab. 791. I have this pretty Shell in my Collection, but know not as yet from what Country.

Fig. 1



To Dr. J. G. KISNER, Physician at Frankfort. This
Table is humbly Dedicated by JAMES PETIVER, Apo-
thecary, and F.R.S.

GAZOPHYLLACHII NATURÆ & ARTIS TAB. XLIX

A. FIG. 1. *Ranatra parva pellucida Succinata.* This and the 2 next are often found in Woods and Gardens, on the shady parts of shrubby Plants.

A. 2. *Ranatra Marmorata fusca.*

A. 3. *Ranatra lata subvirens.* Those in Tab. 47. & these are most, if not all that Mr Dandridge or my self hath yet observed.

4. *Ceterach LUZON. scandens, pinnis alternis dentatis,* Ray Syllab. Kamel p. 2. 20. Indis Panaypay. This Fern has about 20 Leaves on each Stalk.

5. *Ceterach LUZON. pinnis alternis glabris.* Indis Lagolo. Ray Syll. Kam. p. 2. 19. This has 25 Leaves on each side, and is above 2 yards high.

6. *Millepora AMERIC. Spongi-arenosa.* Dr Lewis my hearty Friend gave me this with several other Curiosities.

7. *Scarabæus LUZON. carulescens striatus medio cupreo.* The middle of each Sheath being Copper, distinguishes this from all I have yet seen.

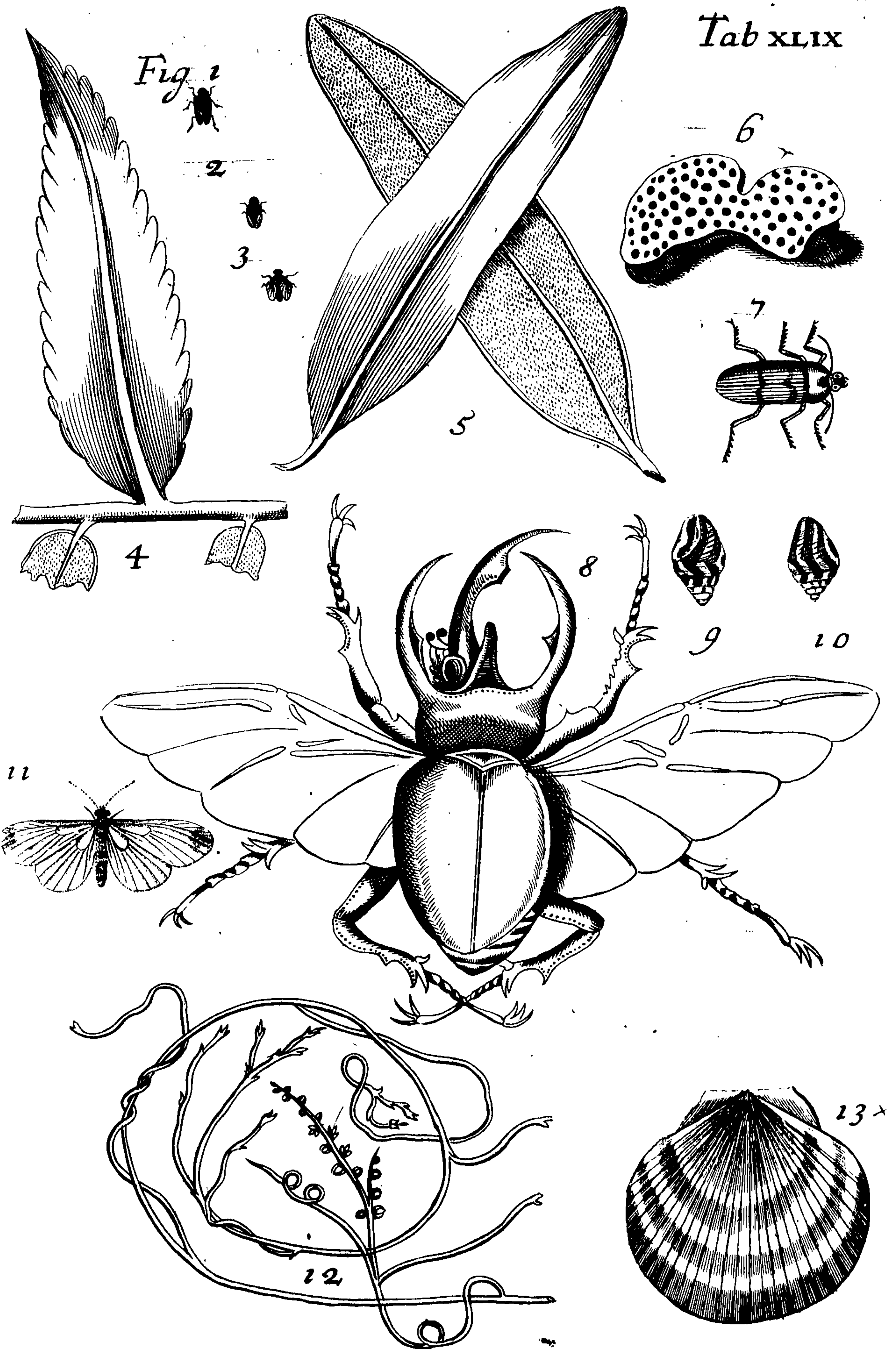
8. *Scarabæus Bucerus, Nasicornis primus Kam.* Hoang LUZON. This seems very like our Borneo Bull-Beetle GAZ. nost. Tab. 14 Fig. 12.

9. *Olivaria nigricans, striis albis undatis.* I take this to be an East India Shell. 10. represents its Back.

11. *Papilio albus minor apicibus nigris.* This being tipped with black, distinguishes it from Mus. nost. 303. These are Male and Female.

12. *Cuscuta LUZON. altera seu major Raij Syllab. Kam: pag. 1. pl. 1. Mabubu & Malobohog Philippins. an S. B. 5. 226. Pluk. Tab. 172. Fig. 2. H. Mal. V. 7. Tab. 44. p. 83.* This climbs about Shrubs, and frequently on the *Agnus Castus* Ray V. 3. app. p. 73 3. and bears a small tripetalous Flower in April.

13. *Pecten CONDOR. lous & Lewis, supernè Castaneus infernè albus.* This is a very singular and elegant Scallop, being very light and externally smooth, the Valves within only striated. The Curious Mr Cuninghame observed this with several others on the Shoar of Pulo Condore.



GAZOPHYLACII NATURÆ & ARTIS. TAB. L.

FIG. 1. *Araneus LUZON. longipes domesticus.* This is a Web-spinning House Spider.

2. *Tarantula LUZON. innocuus. Araneus longipes 4. seu Trojanus.* Bagna alis Gambagamba Indis. Its Body as large as a Fi bert and brown, he lives on Oyl-clocks, a sort of Beetle. Fig. A. Shews a flattish round Silken Egg-bag, which he carries under his Belly, which produces 1000 young ones.

3. *Araneus LUZON. telarius, argenteo, flavo & nigro transversim striatus.* Fig. B. is its white flat Silk Bag, in which F. Kamel thinks were 200 Eggs.

4. *Araneus LUZON longipes, semini Ricini amulans.* F. Kamel hath sent me the deligas of all these, with many Observations of this particular Species of Insects, which with some othes Traſs of his I hope suddenly to publish.

5. *Cantharis CHUSAN. viridis elegantissime variegatus.* Mr Cuninghame sent me this, being one of the most elegant of the Beetle kind.

A. 6. *Curculio parvus splendide viridis.*

A. 7. *Curculio parvus splendide aruginosus.*

A. 8. *Curculio parvus crinitus, dorso pilosus.*

A. 9. *Curculio fuscus, dorso quasi cordato.* The 2 first of these I have met with, the last are of Mr Dandridge his more peculiar Observation and not common.

A. 10. *Cymecoides virescens.* (C) Shews its Wing closed.

A. 11. *Cymecoides e rufo flavescens.* I have seen these in Bear, Cain and other Woods about London.

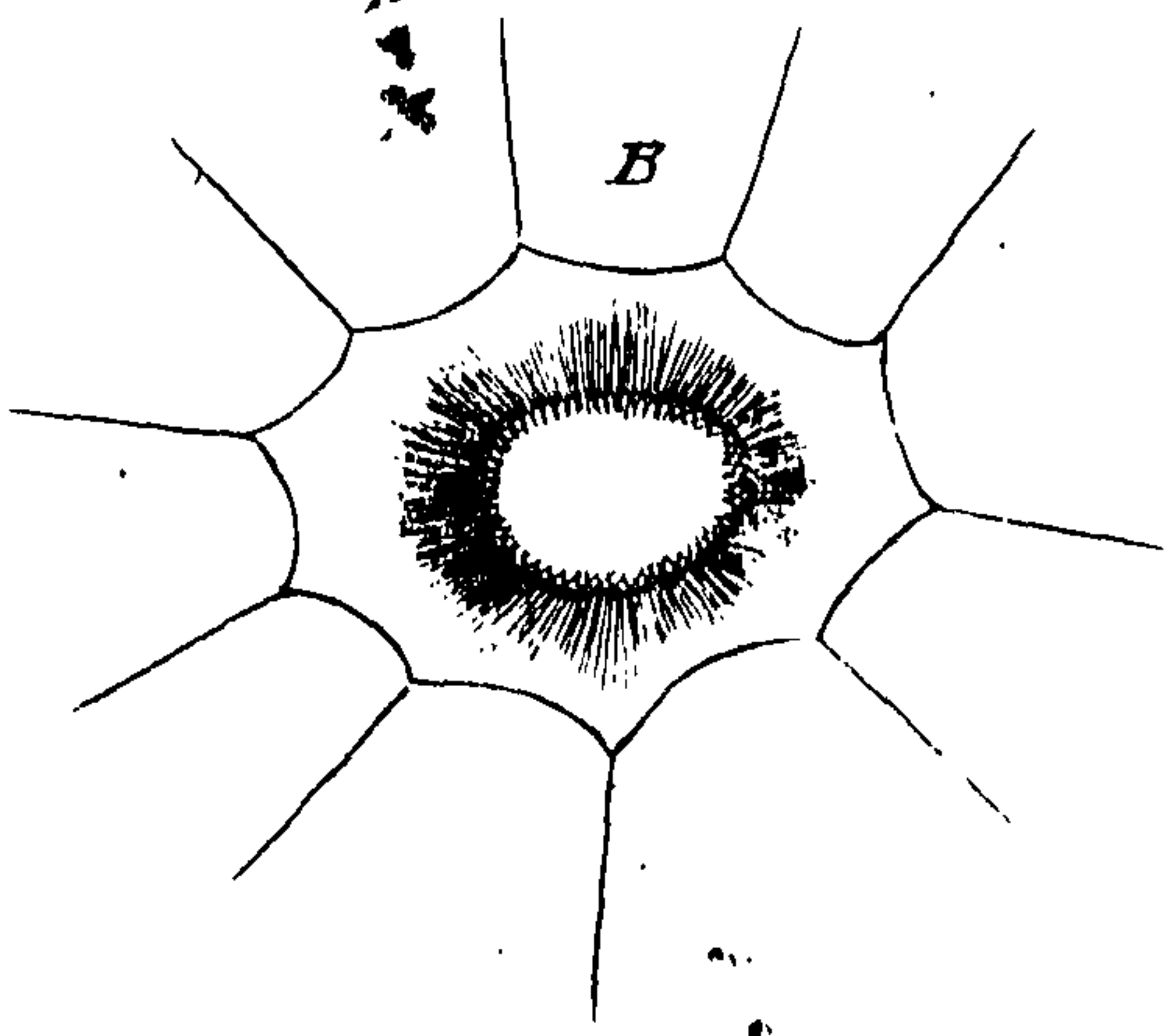
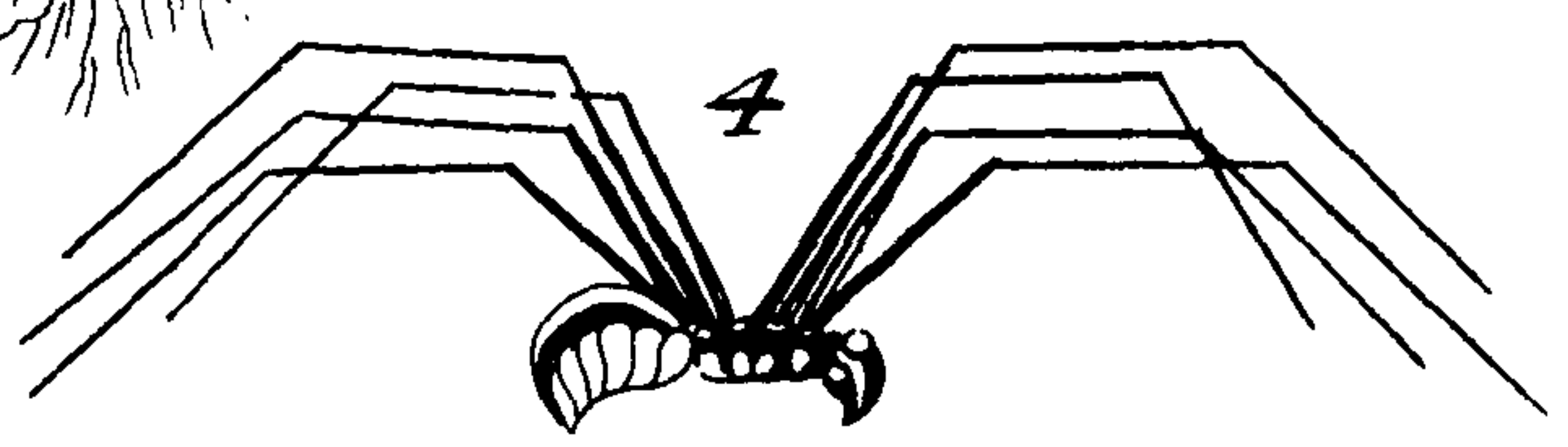
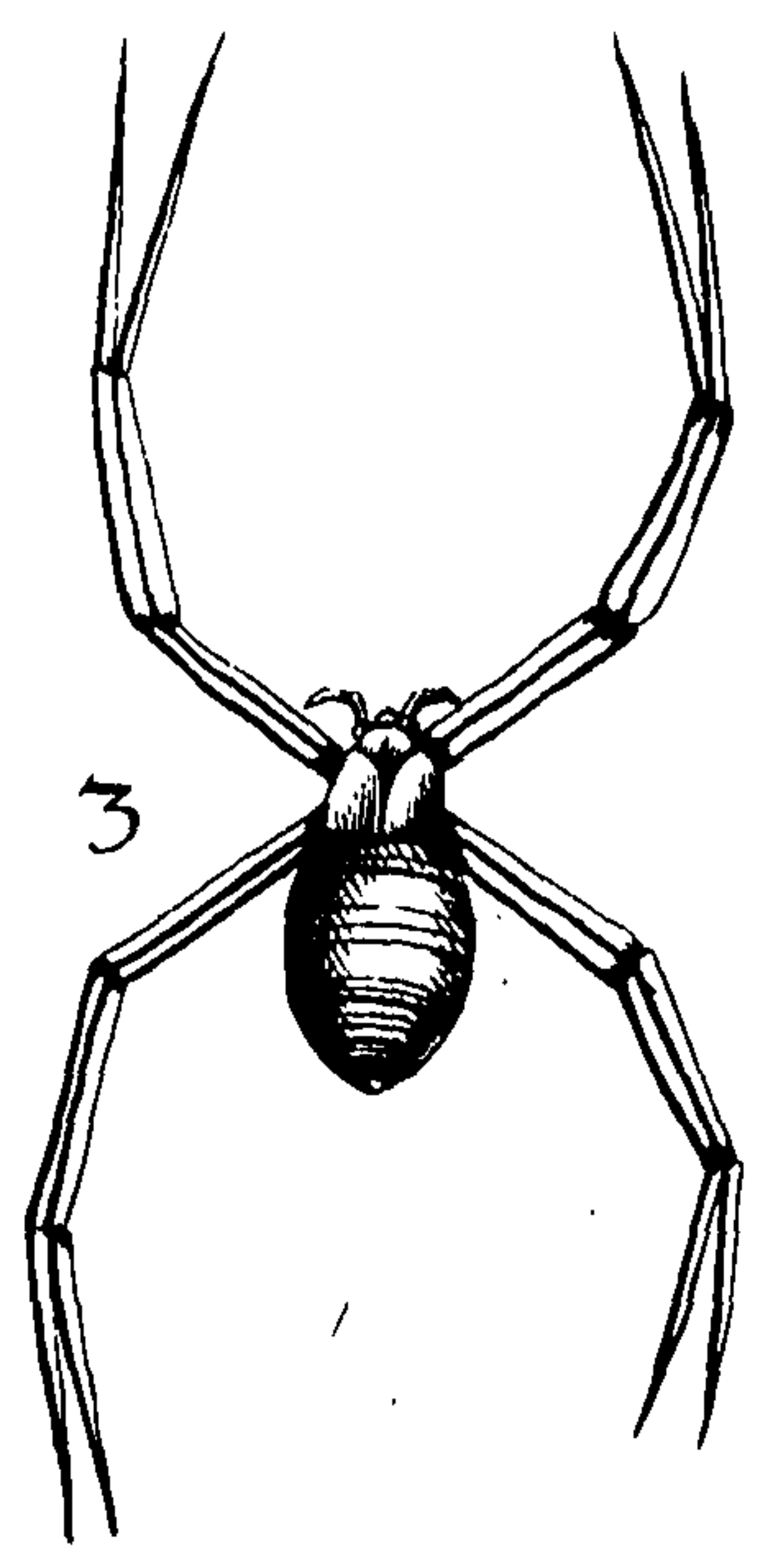
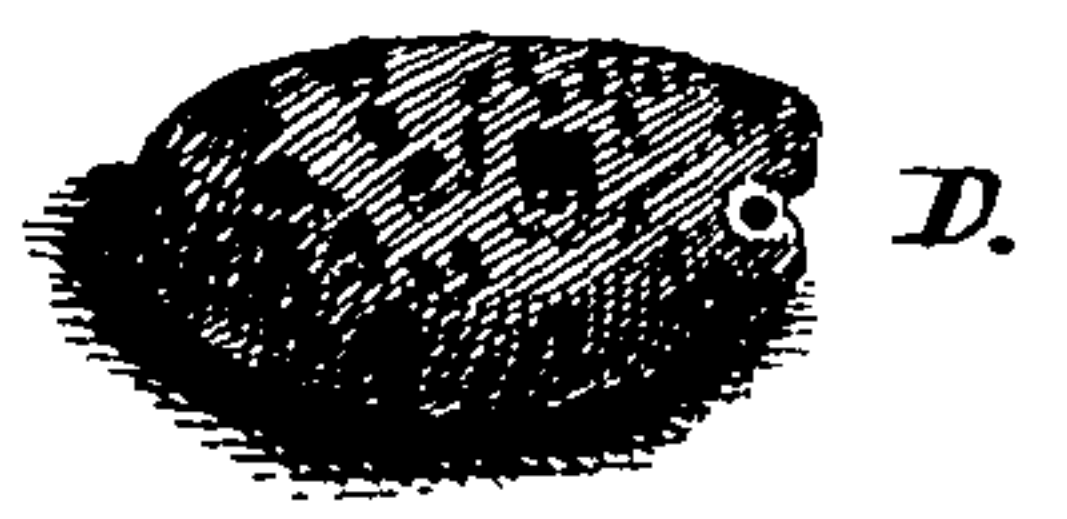
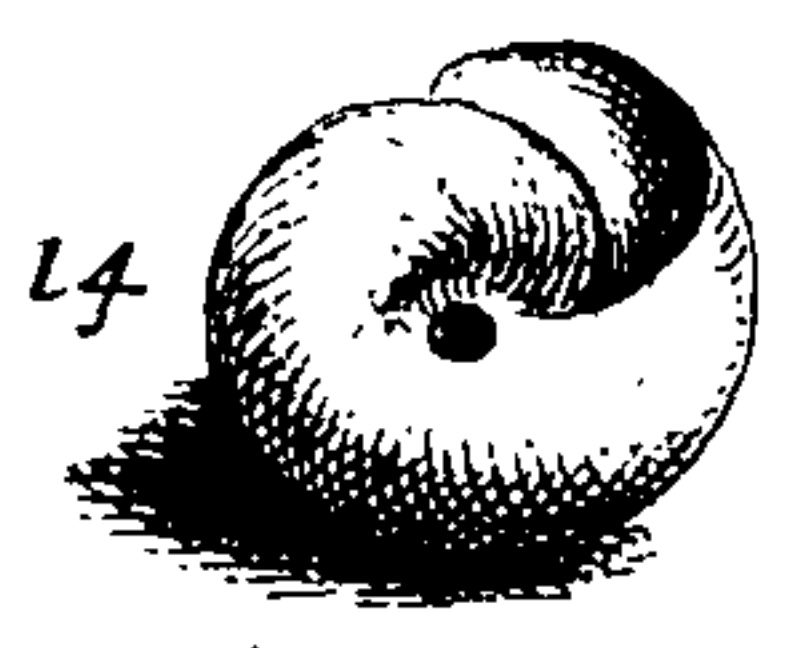
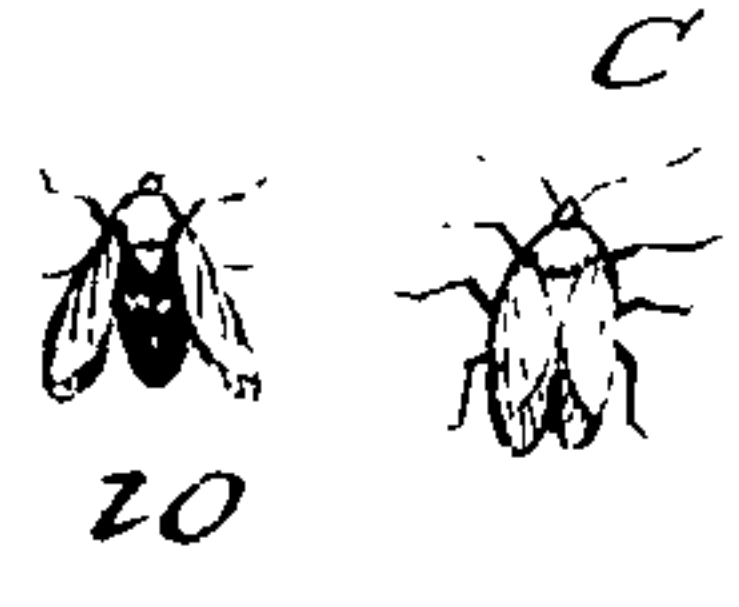
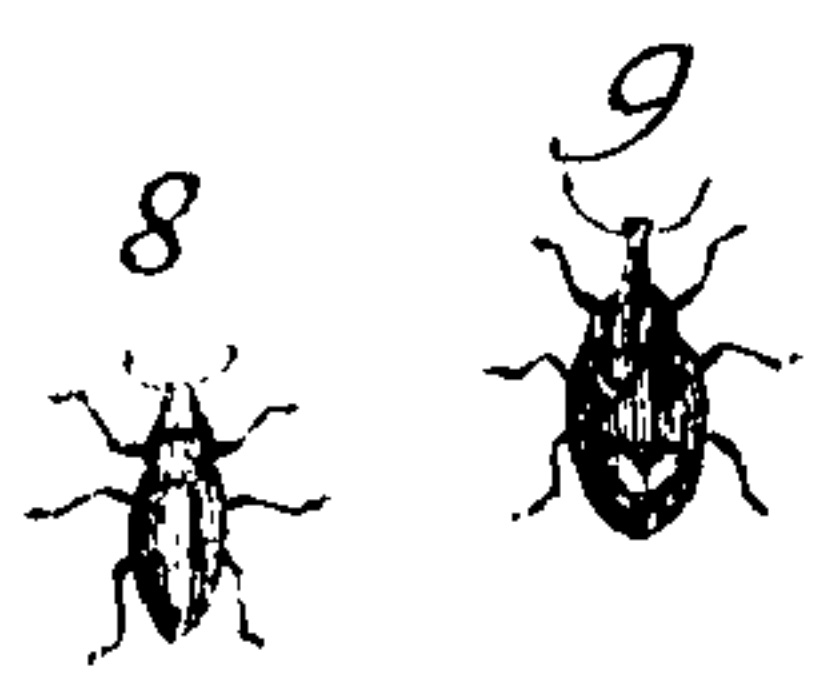
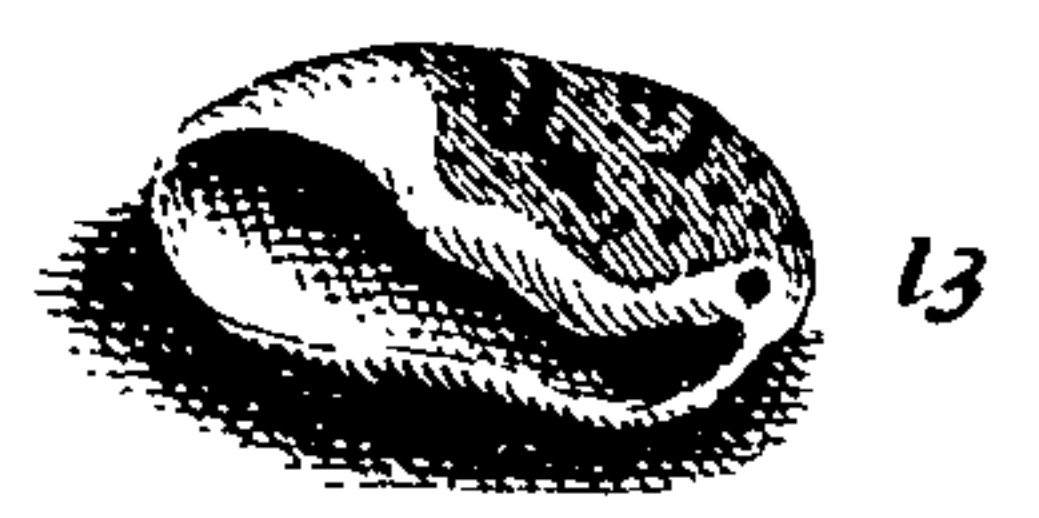
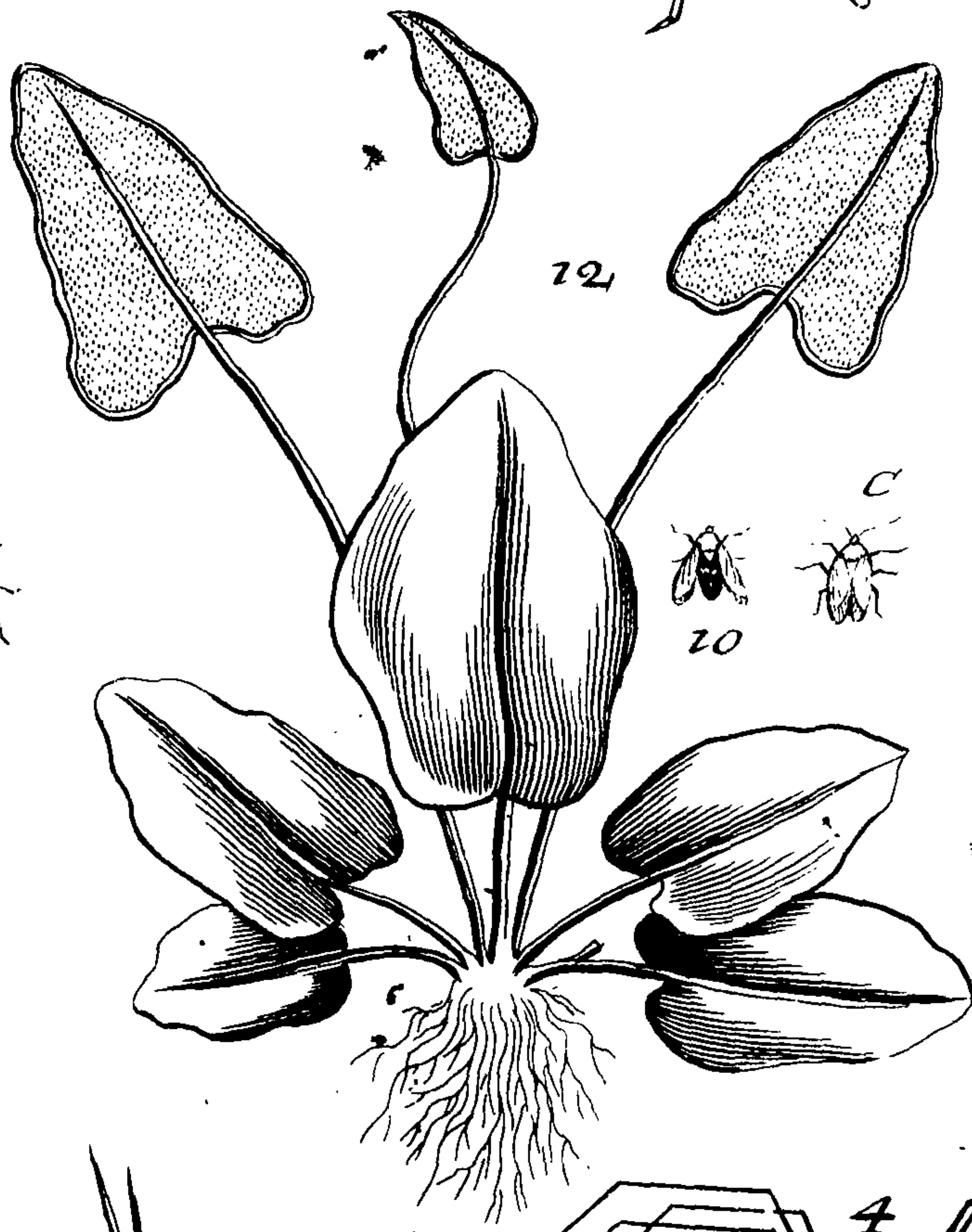
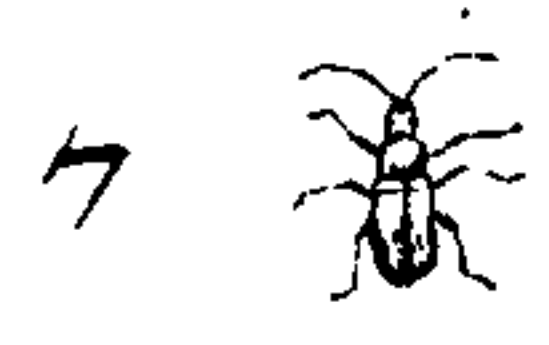
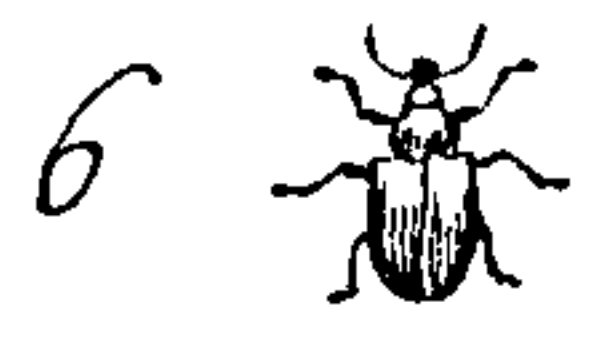
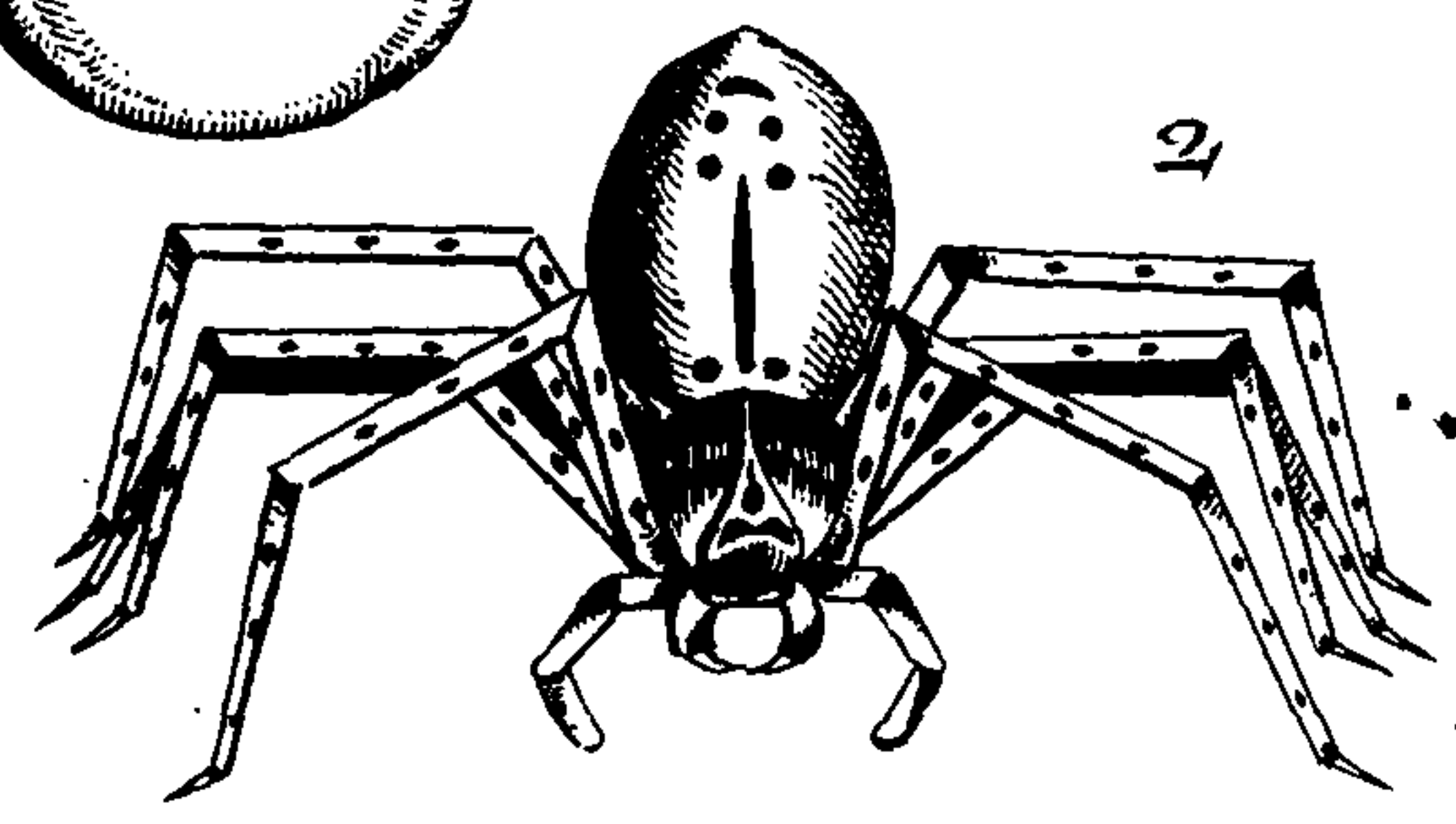
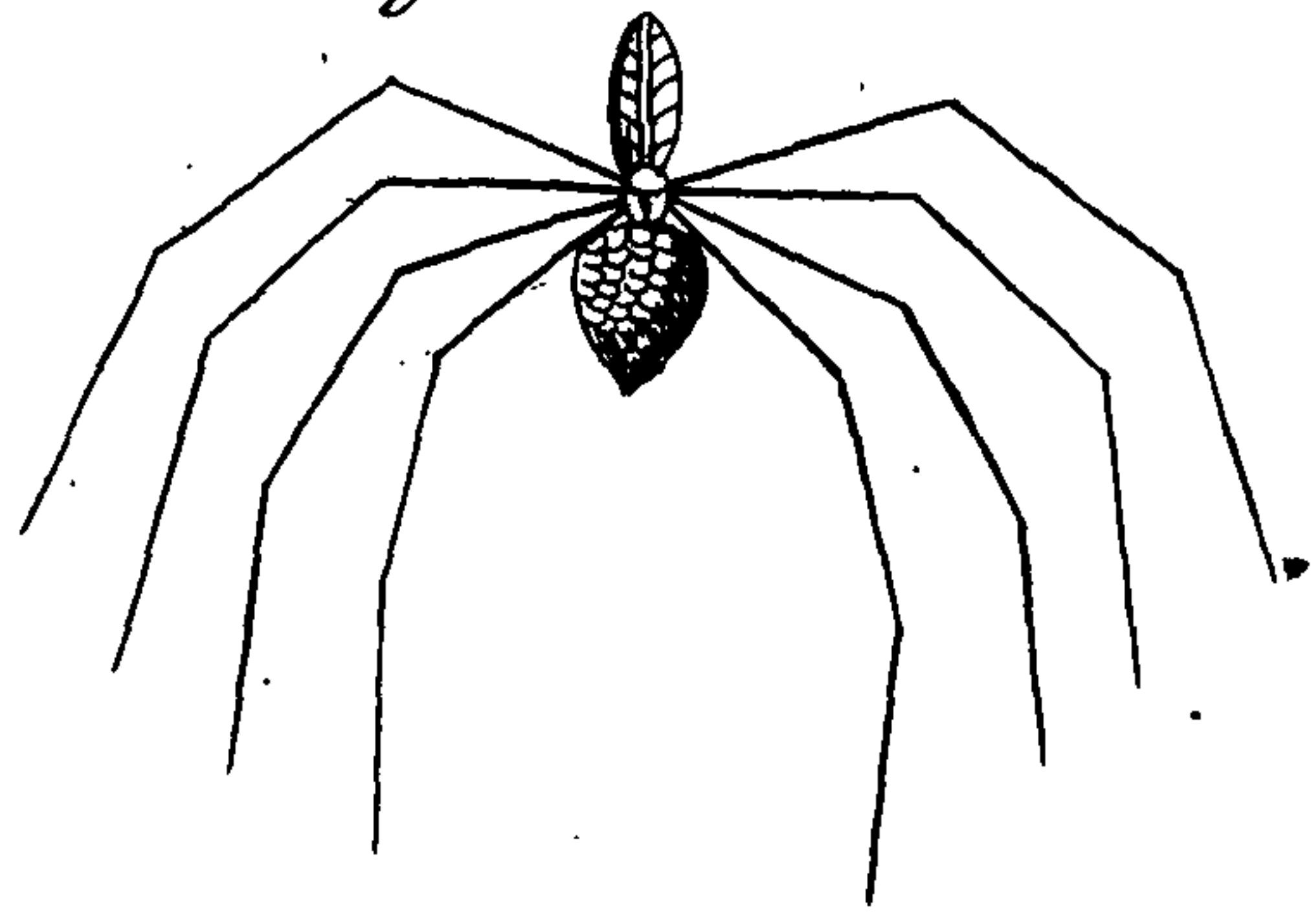
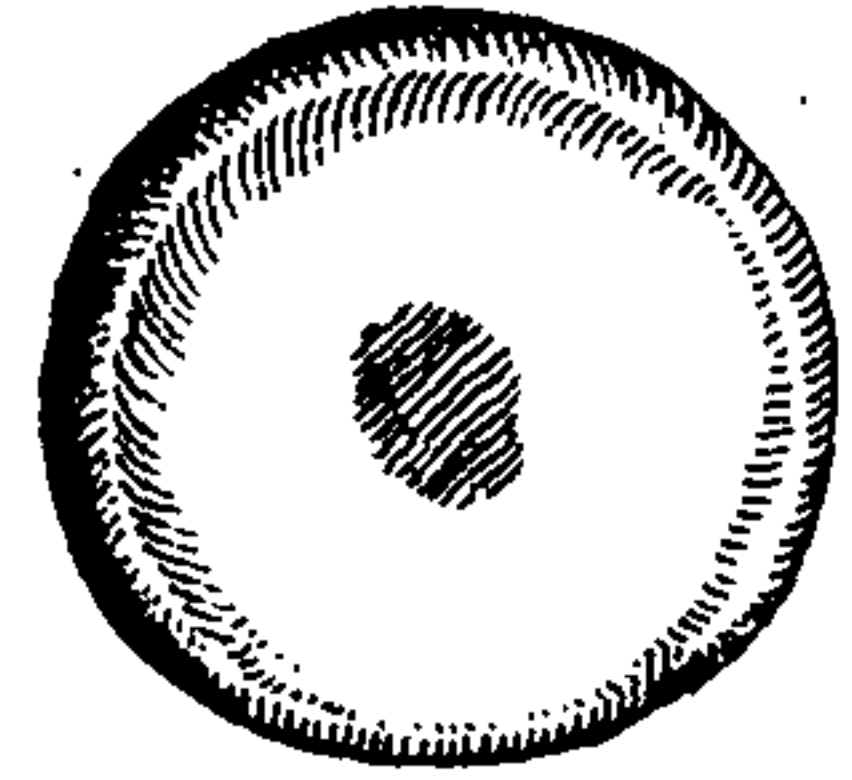
✗ 12. *Atplenium LUZON. Ari folio. Phyllitis Anglica-* no Luzonis Ray Syll. Kam. p. 2. 18. The Seed Leaves are higher and more erect than the rest, standing on longer Footstalks than the green ones next the Root. They use this Plant instead of the Spleenwort of the Shops.

✗ 13. *Veneroides BARBAD. minor marmorata.* (D.) Shews its back. Jamaica, Barbadoes, &c. are plentifully stored with this Shell.

✗ 14. *Cochlea Hortensis unicolor minor, umbilico parvo.* I have often met with this in Gardens and sometimes in Hedges.

Fig 1

A



To the Reverend Dr ALEXANDER PUDSEY, Fellow of Magdalen College.. This Table is humbly Dedicated by JAMES PETIVER, Apothecary, and F. R. S.